


```

1      APPLICATION NUMBER:  US/09/082,253
2      FILING DATE:
3      CLASSIFICATION:
4      PRIOR APPLICATION DATA:
5      APPLICATION NUMBER:  08/455,896
6      FILING DATE:  05/31/1995
7      ATTORNEY/AGENT INFORMATION:
8      NAME:  HOLLAND, DONALD R.
9      REGISTRATION NUMBER:  35,197
10     REFERENCE/DOCKET NUMBER:  952726
11     TELECOMMUNICATION INFORMATION:
12     TELEPHONE:  (314) 727-5188
13     TELEFAX:  (314) 727-6092
14     INFORMATION FOR SEQ ID NO: 13:
15     SEQUENCE CHARACTERISTICS:
16     LENGTH:  21 base pairs
17     TYPE:  nucleic acid
18     STRANDEDNESS:  single
19     TOPOLOGY:  linear
20     MOLECULE TYPE:  cdna to mRNA
21     HYPOTHEetical:  NO
22     ANTI-SENSE:  NO
23     IS-09-082-253-13

```

Query Match	0.3%	Score 20	DB 1	Length 21
Best Local Similarity	100.0%	Pred. No. 1	Re+02	
Matches 20	Conservative 0	Mismatches 0	Indels 0	Gaps 0
OY	4464	TTTTTTTTTTTTTTTTTTTT	4463	
Db	1	TTTTTTTTTTTTTTTTTTTT	20	

RESULT 148
US-08-271-882B-2/C
Sequence 2, Application US/08271882B
Patent No. 6017696
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
APPLICANT: Eugene Tu
APPLICANT: Glen A. Evans
APPLICANT: Ronald G. Sosnowski
TITLE OF INVENTION: SELF-ASSEMBLABLE
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
TITLE OF INVENTION: DEVICES FOR
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
TITLE OF INVENTION: AND DIAGNOSTICS
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,882B
FILING DATE: July 7, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 6017696emember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/263

```

: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SRQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-271-882B-2

```

Query Match	10.3%	Score 20	DB 1	Length 21
Best Local Similarity	0.0%	Pred. No. 1.8e+02		
Matches	20	Conservative	0	Mismatches 0
				Indels 0
				Gaps 0
Qy	4464	TTTTTTTTTTTTTTTTTTTT	4483	
Db	20	TTTTTTTTTTTTTTTTTTTT	1	

```

1      RESULT 149
2      US-08-726-278--2/C
3      Sequence 2, Application US/08726278
4      Patent No. 6238624
5      GENERAL INFORMATION:
6      APPLICANT: Heller, Michael J.
7      APPLICANT: Tu, Eugene
8      APPLICANT: Evans, Glen A.
9      APPLICANT: Sosnowski, Ronald G.
10     TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
11     TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
12     FILE REFERENCE: DAVID B. MURPHY/NAOGEN: 222-210
13     CURRENT APPLICATION NUMBER: US/08/726,278
14     CURRENT FILING DATE: 1996-10-04
15     PRIOR APPLICATION NUMBER: 08/2271,882
16     PRIOR FILING DATE: 1994-07-07
17     NUMBER OF SEQ. ID NOS: 44
18     SOFTWARE: PatentIn Ver. 2.0
19     SEQ ID NO 2
20     LENGTH: 21
21     TYPE: DNA
22     ORGANISM: Artificial Sequence
23     FEATURE:
24     OTHER INFORMATION: Description of Artificial Sequence: Sequences for
25     OTHER INFORMATION: Labeling
26     US-08-726-278--2

```

Query Match	0.3%	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%	Pred. No. 1.8e+02;		
Matches 20; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

OY	4464	TTTTTTTTTTTTTTTTTTTTTTTTTTT	4483
Db	20	TTTTTTTTTTTTTTTTTTTTTTTTTTT	1

```

RESULT 150
US-09-162-622-13
; Sequence 13, Application US/09162622
; Patent No. 6566072
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A
; APPLICANT: FLEMING, TIMOTHY P
; TITLE OF INVENTION: Mammagloblin, A Secreted Mammary-Specific Breast Cancer
; TITLE OF INVENTION: Protein
; FILE REFERENCE: 6029-5134
; CURRENT APPLICATION NUMBER: US/09/162,622
; CURRENT FILING DATE: 1998-09-29
; EARLIER APPLICATION NUMBER: 08/933,149
; EARLIER FILING DATE: 1997-09-18
; EARLIER APPLICATION NUMBER: PCT/US96/08235
; EARLIER FILING DATE: 1996-05-31

```



```

: EARLIER APPLICATION NUMBER: 08/455,896
: EARLIER FILING DATE: 1995-05-31
: NUMBER OF SEQ ID NOS: 21
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO: 13
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence:Synthetic
: US-09-162-622-13

```

Query Match	0.3%	Score 20;	DB 1;	length 21;
Best Local Similarity	100.0%	Pred. No.	1.8e+02;	
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

QY 4464 TTTTYYYTTTTYYTYTTTTT 4483
 |||||
Db 1 TTTTYYYTTTTYYTYTTTTT 20

```

RESULT 151
US-09-509-015-13
: Sequence 13: Application US/09509015
: Patent No. 6677428
: GENERAL INFORMATION:
: APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.
: TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
: MAMMARY SPECIFIC BREAST CANCER PROTEIN
: NUMBER OF SEQUENCES: 14
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: HOWELL & HAFERKAMP, L.C.
: STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
: CITY: ST. LOUIS
: STATE: MISSOURI
: COUNTRY: USA
: ZIP: 63105-1817
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/509,015
: FILING DATE: 30-May-2000
: CLASSIFICATION: <unknown>
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/US98/17991
: FILING DATE: 1998-09-18
: APPLICATION NUMBER: 08/933,149
: FILING DATE: 1997-09-18
: ATTORNEY/AGENT INFORMATION:
: NAME: KASTEN, DANIEL S.
: REGISTRATION NUMBER: 45,363
: REFERENCE/DOCKET NUMBER: 6029-3654
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (314) 727-5188
: TELEFAX: (314) 727-6092
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA to mRNA
: HYPOTHEICAL: NO
: ANTI-SENSE: NO
: SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-509-015-13

Query Match          0.3%, Score 20, DB 1, Length 21,
Best Local Similarity 100.0%, Freq. No. 1.8e+02,
Matches 20, Conservative 0, Mismatches 0, Indels 0, Gaps 0,

```

QY	4464	T T T T T T T T T T T T T T T T	4483
Db	1	T T T T T T T T T T T T T T T T	20

```

RESULT 152
PCT-US96-08235-13
Sequence 13 Application PC/TUS9608235
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08235
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 964796
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US96-08235-13

```

Query Match	0.3%	Score 20	DB 1	Length 21
Similarity	100.0%	Pred. No.	1.8e+02	
Matches 20	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Qy	4464	4483
1		
20		
Db		

RESULT 153
US-08-996-306-10
Sequence 10, Application US/08996306
Patent No. 5945522
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Blumenfeld, Marta
APPLICANT: Bougnalestet, Lydie
TITLE OF INVENTION: Prostate cancer gene
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 501 West Broadway
City: San Diego

```

1 STATE: California
2 COUNTRY: USA
3 ZIP: 92101-3505
4 COMPUTER READABLE FORM:
5 MEDIUM TYPE: Floppy disk
6 COMPUTER: IBM PC compatible
7 OPERATING SYSTEM: Win95
8 SOFTWARE: Word
9 CURRENT APPLICATION DATA:
10 APPLICATION NUMBER: US/08/996,306
11 FILING DATE:
12 CLASSIFICATION:
13 ATTORNEY/AGENT INFORMATION:
14 NAME: Israelaeln. Ned A.
15 REGISTRATION NUMBER: 29,655
16 REFERENCE/DOCKET NUMBER: GENSET.010A
17 TELECOMMUNICATION INFORMATION:
18 TELEPHONE: (619) 235-8550
19 TELEFAX: (619) 235-0176
20 INFORMATION FOR SEQ ID NO: 10:
21 SEQUENCE CHARACTERISTICS:
22 LENGTH: 24 base pairs
23 TYPE: NUCLEIC ACID
24 STRANDEDNESS: SINGLE
25 TOPOLOGY: LINEAR
26 MOLECULE TYPE: DNA
27 ORIGINAL SOURCE:
28 ORGANISM: Homo sapiens
29 FEATURE:
30 NAME/KEY: PART32
31 LOCATION: complement 5198..5221
32 OTHER INFORMATION: Location relative to seqID3
33
34 US-08-996-306-10

```

Query Match	0.3%	Score 20;	DB 1;	Length 24;
Best Local Similarity	100.0%	Pred. No. 2.4e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels	

	QY	4465	T T T T T T T T T T T T T T T G	4484
		1	T T T T T T T T T T T T T T T G	20
	Db			

RESULT 154
US-09-338-907-10
; Sequence 10, Application US/09338907

```

? GENEORG: INFORMATION:
? APPLICANT: Cohen, Daniel
? APPLICANT: Blumenfeld, Marta
? APPLICANT: Ilya, Chumakov
? APPLICANT: Bouguenelere, Lydie
? TITLE OF INVENTION: PROSTATE CANCER GENE
? FILE REFERENCE: GENSET.18CPLC
? CURRENT APPLICATION NUMBER: US/09/338,907
? EARLIER FILING DATE: 1999-06-23
? EARLIER APPLICATION NUMBER: 08/996,306
? EARLIER FILING DATE: 1997-12-22
? EARLIER APPLICATION NUMBER: 60/099,658
? EARLIER FILING DATE: 1998-09-09
? EARLIER APPLICATION NUMBER: 09/218,207
? EARLIER FILING DATE: 1998-12-22
? NUMBER OF SEQ ID NOS: 578
? SOFTWARE: Patent.pm
? SEQ ID NO 10
? LENGTH: 24
? TYPE: DNA
? ORGANISM: Homo Sapiens
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: 1..24
? OTHER INFORMATION: primer oligonucleotide PGR322
? US-09-338-907-10

```

Query Match	0.3%;	Score 20;	DB 1;	Length 24;
Best Local Similarity	100.0%;	Pred. No. 2.4e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0;

QY	4465	TTTTTTTTTTTTTTTTTTG	4484
Db	1	TTTTTTTTTTTTTTTTTTG	20

RESULT 155

```

US-09-164-249B-6/c
; Sequence 6, Application US/09164249B
; Patent No. 6322971
;
; GENERAL INFORMATION:
; APPLICANT: Chelverlin, Alexander B.
; APPLICANT: Kramer, Fred Russel
; TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
; TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
; FILE REFERENCE: 07763-004003
; CURRENT APPLICATION NUMBER: US/09/164,249B
; CURRENT FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: US 08/473,010
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/247,530
; PRIOR FILING DATE: 1994-05-23
; PRIOR APPLICATION NUMBER: US 07/838,607
; PRIOR FILING DATE: 1992-02-19
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-09-164-249B-6

```

Query Match	0.3%	Score 20:	DB 1:	Length 24:
Best Local Similarity	100.0%	Pred. No.	2.4e+02:	
Matches 20; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0

[illegible]

RESULT 156

```

// Sequence 10, Application US/09218207
// Patent No. 6346381
// GENERAL INFORMATION:
// APPLICANT: Cohen, Daniel
// APPLICANT: Blumenfeld, Mattra
// APPLICANT: Ilyu, Chumakov
// APPLICANT: Bougnelerev, Lydie
// TITLE OF INVENTION: Prostate cancer gene
// FILE REFERENCE: GENSET.018CP1
// CURRENT APPLICATION NUMBER: US/09/218, 207
// CURRENT FILING DATE: 1998-12-22
// EARLIER APPLICATION NUMBER: 08/996, 306
// EARLIER FILING DATE: 1997-12-22
// EARLIER APPLICATION NUMBER: 60/099, 658
// EARLIER FILING DATE: 1998-09-09
// NUMBER OF SEQ ID NOS: 578
// SOFTWARE: Patent.pm
// SEQ ID NO 10
// LENGTH: 24
// TYPE: DNA
// ORGANISM: Homo Sapiens
// FEATURE:
// NAME/KEY: misc_feature
// LOCATION: 1..24

```

OTHER INFORMATION: primer oligonucleotide PGR12
US-09-218-207-10

Query Match 0.3%; Score 20; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4465 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT G 20

RESULT 157
US-08-771-781-2

; Sequence 2, Application US/08771781
; Patent No. 6027886
; GENERAL INFORMATION:
; APPLICANT: LEYING, Hermann
; APPLICANT: HINZPETER, Matthias
; APPLICANT: WITTOR, Helko
; APPLICANT: FRITTON, Hans-Peter
; TITLE OF INVENTION: METHOD FOR THE QUANTITATIVE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikolaide, Marmelstein, Murray & Oram LLP
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771.781
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 48 680.3
; FILING DATE: 23-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Murray, Robert B.
; REGISTRATION NUMBER: 22,980
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-5000
; TELEFAX: (202)638-4810
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
US-08-771-781-2

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 158
US-09-011-143-23
; Sequence 23, Application US/09011143
; Patent No. 6472509
; GENERAL INFORMATION:
; APPLICANT: IMAMURA, Takayuki

APPLICANT: MAEDA, Hiroaki
APPLICANT: FUJIYASU, Takeshi
APPLICANT: IWAGAWA, Yoshitaka
APPLICANT: TOKIYOSHI, Sachio
TITLE OF INVENTION: NOVEL FELINE CYTOXINE PROTEIN
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/011.143
FILING DATE: 04-FEB-1998
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: PCT/JP97/01824
APPLICATION NUMBER: JP 165249/1996
FILING DATE: 29-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 165249/1996
FILING DATE: 04-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: IMAMURA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-737-3528
TELEFAX: 202-628-5197
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-011-143-23

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4454 TGGCATGACTTTT TTTT TTTT TTTT TTTT TTTT TTTT 4481
|||||
Db 3 TAGCTCGAGTTT TTTT TTTT TTTT TTTT TTTT TTTT 30

RESULT 159
US-09-725-265-4
; Sequence 4, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTYA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725.265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20

```

1 PRIOR APPLICATION NUMBER: UP 1999-111601
2
3 PRIOR FILING DATE: 1999-04-20
4
5 NUMBER OF SEQ ID NOS: 70
6
7 SOFTWARE: PatentIn version 3.1
8
9 SEQ ID NO 4
10
11 LENGTH: 30
12
13 TYPE: DNA
14
15 ORGANISM: ARTIFICIAL SEQUENCE
16
17 FEATURE:
18
19 OTHER INFORMATION: SYNTHETIC DNA
20
21 US-09-725-265-4

```

Query Match	0.3%	Score 20;	DB 1;	Length 30;
Best Local Similarity	82.1%;	Pred. No. 3.8e+02;		
Matches 23;	Conservative	0;	Mismatches 5;	Indels 0;
				Gaps 0;

```

Qy      4458 ATGACCTTTTCTTTTTTTTTTTTTTG 4485
          ||| | ||||| | ||||| | ||||| |
Db       3   ATATATTTTTTGTCTTTTTTTTTTTT 30

```

RESULT 160
US-09-725-265-5
; Sequence 5, Application US/09725265

```

1  TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
2  TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
3  TITLE OF INVENTION: THE METHOD
4  FILE REFERENCE: 199953USOXDIY
5  CURRENT APPLICATION NUMBER: US/09/725,265
6  CURRENT FILING DATE: 2000-11-29
7  PRIOR APPLICATION NUMBER: US 09/556,127
8  PRIOR FILING DATE: 2000-04-20
9  PRIOR APPLICATION NUMBER: JP 1999-111601
10 PRIOR FILING DATE: 1999-04-20
11 NUMBER OF SEQ ID NOS: 70
12 SOFTWARE: PatentIn version 3.1
13 SEQ ID NO 5
14 LENGTH: 30
15 TYPE: DNA
16 ORGANISM: ARTIFICIAL SEQUENCE
17 FEATURES:
18 OTHER INFORMATION: SYNTHETIC DNA
19 US-09-725-265-5

```

Query Match	0.3%	Score 20	DB 1	Length 30
Best Local Similarity	82.1%	Pred. No. 3.8e+02		
Matches 23; Conservative	0	Mismatches 5	Indels 0	Gaps 0

```
OY      4458 ATGCACTTTTTCCTTTTTTTTGTTGT 4485  
          ||| |||||||| |||||  
Db       3 AATAATTTTTCCTTTTTCCTTTTTCCTTTT 30
```

RESULT 161
US-09-725-265-6
Sequence 6, Application US/097252656
Parent No. 6492121
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KORYAMA, OSANO

```

APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL.
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-11601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265--6

```

Query Match	0.3%	Score	20;	DB	1;	Length	30;
Best Local Similarity	82.1%	Pred. No.	3.8e+02;				
Matches	23;	Conservative	0;	Mismatches	5;	Indels	0;
						Gaps	0;

```
Oy      4458 ATGGACTTTT TTTT TTTT TTTT TTTT GT 4485
          ||| | | | | | | | | | | | | | | |
Db       3   ATATA TTTT TTTT TTTT G TTTT TTTT TTTT 30
```

RESULT 162
US-09-725-265-7

```

1  TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
2  TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA
3  TITLE OF INVENTION: THE METHOD
4  FILE REFERENCE: 199953US0XDIV
5  CURRENT APPLICATION NUMBER: US/09/725,265
6  CURRENT FILING DATE: 2000-11-29
7  PRIOR APPLICATION NUMBER: US 09/556,127
8  PRIOR FILING DATE: 2000-04-20
9  PRIOR APPLICATION NUMBER: JP 1999-111601
10 PRIOR FILING DATE: 1999-04-20
11 NUMBER OF SEQ ID NOS: 70
12 SOFTWARE: PatentIn version 3.1
13 SEQ ID NO 7
14 LENGTH: 30
15 TYPE: DNA
16 ORGANISM: ARTIFICIAL SEQUENCE
17 FEATURE:
18 OTHER INFORMATION: SYNTHETIC DNA
19 US-09-725-265-7

```

Query Match	0.3%	Score 20	DB 1	Length 30
Best Local Similarity	82.1%	Pred. No.	3.8e+02	
Matches 23	Conservative	0	Mismatches 5	Indels 0
				Gaps 0

```
QY      4458 ATGACTTTTTTTTTTTTTTTTGT 4485
          ||| | ||||| ||||| ||||| |
Db       3 AATAATTTTTTTTGTTTTTTTTTTT 30
```

RESULT 163
US-09-725-265-B

```
; Sequence 8, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-8

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTT 30

RESULT 164
US-09-725-265-9
; Sequence 9, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTT 30
```

```
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTT 30

RESULT 165
US-09-725-265-10
; Sequence 10, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-10

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTT 30

RESULT 166
US-09-725-265-11
; Sequence 11, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
```

LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-11

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGAGCTTTTCTTTTCTTTTCTTTTGT 4485
DB 3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 167
US-09-725-265-12
Sequence 12, Application US/09725265
Patent No. 6492121

GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-12

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGAGCTTTTCTTTTCTTTTCTTTTGT 4485
DB 3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 168
US-09-725-265-13
Sequence 13, Application US/09725265
Patent No. 6492121
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
FILE REFERENCE: 199953USOXDIV

CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-13

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGAGCTTTTCTTTTCTTTTCTTTTGT 4485
DB 3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 169
US-09-302-495-23
Sequence 23, Application US/09302495
Patent No. 6518045
GENERAL INFORMATION:
APPLICANT: IMAMURA, Takayuki
MAMEDA, Hiroaki
FUTIVASU, Takeshi
IMAGAWA, Yoshitaka
TOKIYOSHI, Sachio
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/302,495
FILING DATE: 30-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/011,143
FILING DATE: 04-FEB-1998
APPLICATION NUMBER: PCT/JP97/01824
FILING DATE: 29-MAY-1997
APPLICATION NUMBER: JP 165249/1996
FILING DATE: 04-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: IMAMURA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-09-302-495-23

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4454 TGCATGACATTTTCTTTTCTTTT 4481
DB 3 TAGCTCGAGTTTCTTTTCTTTT 30

RESULT 170
US-10-079-616-23

Sequence 23, Application US/10079616
Patent No. 6566097

GENERAL INFORMATION:

APPLICANT: IMAMURA, Takayuki

MAEDA, Hiroaki

FUJITASU, Takeshi

IMAGAWA, Yoshitaka

TOKIYOSHI, Sachio

TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK

STREET: 419 Seventh Street, N.W., Suite 300

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/079,616

FILING DATE: 22-Feb-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/011,143

FILING DATE: 04-FEB-1998

APPLICATION NUMBER: PCT/JP97/01824

FILING DATE: 29-MAY-1997

APPLICATION NUMBER: JP 165249/1996

FILING DATE: 04-JUN-1996

ATTORNEY/AGENT INFORMATION:

NAME: BROWDY, Roger L.

REGISTRATION NUMBER: 25,618

REFERENCE/DOCKET NUMBER: IMAMURA=1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-628-5197

TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 23:

SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 23:

US-10-079-616-23

Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.8e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4454 TGCATGACATTTTCTTTTCTTTT 4481
DB 3 TAGCTCGAGTTTCTTTTCTTTT 30

RESULT 171
US-08-906-156A-82;

Sequence 82, Application US/08906156A

Patent No. 6287854

GENERAL INFORMATION:

APPLICANT: SPURR, NIGEL K

GRAY, IAN C

APPLICANT: STEWART, LORNA M

TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER

AND TREATMENT THEREOF

NUMBER OF SEQUENCES: 94

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHAYE P.C.

STREET: 1100 NORTH GLEBE ROAD

CITY: ARLINGTON

STATE: VA

COUNTRY: USA

ZIP: 22201

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/906,156A

FILING DATE: 05-AUG-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/042,655

FILING DATE: 02-APR-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/033,147

FILING DATE: 13-DEC-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/005,840

FILING DATE: 23-OCT-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/96GB/02568

FILING DATE: 22-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: SADOFF, B. J.

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 1090-14

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-816-4000

TELEFAX: 703-816-4100

INFORMATION FOR SEQ ID NO: 82:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "SYNTHETIC OLIGO"

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-906-156A-82

Query Match 0.3%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGCTTTTCTTTTCTTTT 4481
DB 2 TCGAGTTTCTTTTCTTTT 24

RESULT 172
US-09-475-316A-59
Sequence 59, Application US/09475316A
Patent No. 6210942
GENERAL INFORMATION:

```

; APPLICANT: Lewis, No. 6210942man G.
; APPLICANT: Davin, Laurence B.
; APPLICANT: Dinkova-Kostova, Albena T.
; APPLICANT: Fujita, Masayuki
; APPLICANT: Gang, David R.
; APPLICANT: Sarkanen, Simo
; APPLICANT: Ford, Joshua D
; TITLE OF INVENTION: RECOMBINANT PINOSESINO/LARICRESINOI. REDUCTASES,
; TITLE OF INVENTION: RECOMBINANT DIRIGENT PROTEINS AND METHODS OF USE
; FILE REFERENCE: WSUR-1-13793
; CURRENT APPLICATION NUMBER: US/09/475,316A
; CURRENT FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/307,653
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: PCT/US97/20391
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/054,380
; PRIOR FILING DATE: 1997-07-31
; PRIOR APPLICATION NUMBER: 60/030,522
; PRIOR FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; NAME/KEY: misc feature
; LOCATION: (1)..(26)
; OTHER INFORMATION: CDNA synthesis linker primer
; US-09-475-316A-59

Query Match          0.3%; Score 19.8; DB 1; Length 26;
Best Local Similarity 91.3%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4459 TGGACTTTTCTTTTCTTTTCTTTT 4481
Db      4 TCGAGTTTCTTTTCTTTTCTTTT 26

RESULT 173
US-09-704-640-59
; Sequence 59, Application US/09704640
; Patent No. 6635459
; GENERAL INFORMATION:
; APPLICANT: Lewis, No. 6635459man G.
; APPLICANT: Davin, Laurence B.
; APPLICANT: Dinkova-Kostova, Albena T.
; APPLICANT: Fujita, Masayuki
; APPLICANT: Gang, David R.
; APPLICANT: Sarkanen, Simo
; APPLICANT: Ford, Joshua D
; TITLE OF INVENTION: RECOMBINANT PINOSESINO/LARICRESINOI. REDUCTASE,
; TITLE OF INVENTION: RECOMBINANT DIRIGENT PROTEIN AND METHODS OF USE
; FILE REFERENCE: WSUR-1-16492
; CURRENT APPLICATION NUMBER: US/09/704,640
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: 09/475,316
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/307,653
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: PCT/US97/20391
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/054,380
; PRIOR FILING DATE: 1997-07-31
; PRIOR APPLICATION NUMBER: 60/030,522
; PRIOR FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
```

```

; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(26)
; OTHER INFORMATION: CDNA synthesis linker primer
; US-09-704-640-59

Query Match          0.3%; Score 19.8; DB 1; Length 26;
Best Local Similarity 91.3%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4459 TGGACTTTTCTTTTCTTTTCTTTT 4481
Db      4 TCGAGTTTCTTTTCTTTTCTTTT 26

RESULT 174
US-08-821-451A-16
; Sequence 16, Application US/08821451A
; Patent No. 6066724
; GENERAL INFORMATION:
; APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
; TITLE OF INVENTION: Human Endometrial Specific Steroid-
; TITLE OF INVENTION: Binding Factor I, II and III
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/821,451A
; FILING DATE: March 21, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/014,724
; FILING DATE: March 21, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.C.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-521 (PP257)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: Oligonucleotide
; US-08-821-451A-16

Query Match          0.3%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 3.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4460 GGAAGTTTCTTTTCTTTTCTTTT 4482
Db      5 GTACCTTTCTTTTCTTTTCTTTT 27
```


RESULT 175
US-09-263-810-16
Sequence 16, Application US/09263810
Patent No. 6174992
GENERAL INFORMATION:
APPLICANT: JIAN NI, Guo-Liang Yu and Reiner Gentr
TITLE OF INVENTION: Human Endometrial Specific Steroid-
Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,810
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: Oligonucleotide
US-09-263-810-16
Query Match 0.3%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 3.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 4460 GGACTTTT 4482
DB 5 GTACCTTTT 27
RESULT 176
US-09-583-169-16
Sequence 16, Application US/09583169
Patent No. 6338948
GENERAL INFORMATION:
APPLICANT: JIAN NI, Guo-Liang Yu and Reiner Gentr
TITLE OF INVENTION: Human Endometrial Specific Steroid-
Binding Factor I, II and III
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/583,169
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: Oligonucleotide
US-09-583-169-16
Query Match 0.3%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 3.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 4460 GGACTTTT 4482
DB 5 GTACCTTTT 27
RESULT 177
US-08-858-767-21/C
Sequence 21, Application US/08858767
Patent No. 5837468
GENERAL INFORMATION:
APPLICANT: WANG, Xun
APPLICANT: DUVICK, Jonathan P.
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,767
FILING DATE: 19-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,687
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/325/PIH1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399

TELEX: 904136
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-858-767-21

Query Match 0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4467 TTTTGTGCTGCTG 4489
DB 27 TTTTGTGCTGCTG 5

RESULT 178
US-08-858-767-22/c
; Sequence 22, Application US/08858767
; Patent No. 5837468
; GENERAL INFORMATION:
; APPLICANT: WANG, Xun
; APPLICANT: DUVICK, Jonathan P.
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
; TITLE OF INVENTION: METHOD
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-858-767-22

Query Match 0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4467 TTTTGTGCTGCTG 4489
DB 27 TTTTGTGCTGCTG 5

RESULT 179

US-08-858-767-23/c
; Sequence 23, Application US/08858767
; Patent No. 5837468
; GENERAL INFORMATION:
; APPLICANT: WANG, Xun
; APPLICANT: DUVICK, Jonathan P.
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
; TITLE OF INVENTION: METHOD
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-858-767-23

Query Match 0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4467 TTTTGTGCTGCTG 4489
DB 27 TTTTGTGCTGCTG 5

RESULT 180
US-08-863-028-21/c
; Sequence 21, Application US/08863028
; Patent No. 5851991
; GENERAL INFORMATION:
; APPLICANT: WANG, Xun
; APPLICANT: DUVICK, Jonathan P.
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
; TITLE OF INVENTION: METHOD
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,028
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-863-028-21

Query Match      0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4467 TTTT TTTT TTTT TTTT TTTT GCTTG 4489
      |||||
Db 27 TTTT TTTT TTTT TTTT TTTT GCTTG 5

RESULT 181
US-08-863-028-22/c
; Sequence 22, Application US/08863028
; Patent No. 5853991
; GENERAL INFORMATION:
; APPLICANT: WANG, Xun
; APPLICANT: DUVICK, Jonathan P.
; APPLICANT: BRIGGS, Steven P.
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
; TITLE OF INVENTION: METHOD
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,028
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
```

```

; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-863-028-22

Query Match      0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4467 TTTT TTTT TTTT TTTT TTTT GCTTG 4489
      |||||
Db 27 TTTT TTTT TTTT TTTT TTTT GCTTG 5

RESULT 182
US-08-863-028-23/c
; Sequence 23, Application US/08863028
; Patent No. 5853991
; GENERAL INFORMATION:
; APPLICANT: WANG, Xun
; APPLICANT: DUVICK, Jonathan P.
; APPLICANT: BRIGGS, Steven P.
; TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
; TITLE OF INVENTION: METHOD
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,028
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,767
; FILING DATE: 19-MAY-1997
; APPLICATION NUMBER: US 08/481,687
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 33229/325/PIHI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-863-028-23

Query Match      0.3%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 3.6e+02;
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MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-483-553-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4472 TTTTCTTTGCTTGAGACA 4494
|||||
Db 7 TTTTCTTTTCTTGAGACA 29

RESULT 185
US-08-487-002-41
Sequence 41, Application US/08487002
Patent No. 5710001
GENERAL INFORMATION:
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Simard, Jacques
APPLICANT: Emi, Mitsuru
APPLICANT: Nakamura, Yusuke
APPLICANT: Durocher, Francine
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,002
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-487-002-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4472 TTTTCTTTGCTTGAGACA 4494
|||||
Db 7 TTTTCTTTTCTTGAGACA 29

RESULT 186
US-08-483-554B-41
Sequence 41, Application US/0848354B
Patent No. 5747282
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,554B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs

```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-483-554B-41

Query Match          0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4472 TTTTGTCTTGAGACA 4494
Db 7 TTTTGTCTTGAGACA 29

RESULT 187
US-08-488-011B-41
; Sequence 41, Application US/08488011B
; Patent No. 5753441
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shattuck-Eidens, Donna M.
; APPLICANT: Taviglian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,011B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,305
; FILING DATE: 24-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347-09
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
```

```

; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-488-011B-41

Query Match          0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4472 TTTTGTCTTGAGACA 4494
Db 7 TTTTGTCTTGAGACA 29

RESULT 188
US-08-850-727-41
; Sequence 41, Application US/08850727
; Patent No. 6162897
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shattuck-Eidens, Donna M.
; APPLICANT: Taviglian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,727
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/483,554
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
```

REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-850-727-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4472 TTTTGTCTTGAGACA 4494
|||||
Db 7 TTTTGTCTTGAGACA 29

RESULT 189
PCT-US95-10202-41
Sequence 41, Application PC/TUS9510202
GENERAL INFORMATION:
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Stuard, Jacques
APPLICANT: Emi, Mitsuru
APPLICANT: Nakamura, Yusuke
TITLE OF INVENTION: In Vivo Mutations and Polymorphisms
TITLE OF INVENTION: In the 17q-linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10202
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08-308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PCT-US95-10202-41

Query Match 0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4472 TTTTGTCTTGAGACA 4494
|||||
Db 7 TTTTGTCTTGAGACA 29

RESULT 190
PCT-US95-10203-41
Sequence 41, Application PC/TUS9510203
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavligian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10203
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08-308,104
FILING DATE: 16-SEP-1994

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PCT-US95-10203-41

Query Match          0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4472 TTTTGTCTTGAGACA 4494
Db      7 TTTTGTCTTGAGACA 29

RESULT 191
PCT-US95-10220-41
; Sequence 41. Application PC/RUS9510220
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Goldgar, David E.
; APPLICANT: Miki, Yoshio
; APPLICANT: Swenson, Jeff
; APPLICANT: Kamb, Alexander
; APPLICANT: Harshman, Keith D.
; APPLICANT: Shattuck-Eidens, Donna M.
; APPLICANT: Tavligian, Sean V.
; APPLICANT: Wiseman, Roger W.
; APPLICANT: Futreal, P. Andrew
; TITLE OF INVENTION: Method for Diagnosing a
; TITLE OF INVENTION: Predisposition for Breast and Ovarian Cancer
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, N.W., Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10220
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,305
; FILING DATE: 24-MAR-1995
; COMPUTER READABLE FORM:

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,824
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08-308,104
; FILING DATE: 16-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,266
; FILING DATE: 02-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,221
; FILING DATE: 12-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109347
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PCT-US95-10220-41

Query Match          0.3%; Score 19.8; DB 1; Length 30;
Best Local Similarity 91.3%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4472 TTTTGTCTTGAGACA 4494
Db      7 TTTTGTCTTGAGACA 29

RESULT 192
US-08-181-271A-85/C
; Sequence 85. Application US/08181271A
; Patent No. 5614395
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
; APPLICANT: Duesing, John H.
; APPLICANT: Friedrich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Weins, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Moyer, Mary B.
; APPLICANT: Neuhaus, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Sperison, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Uknes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericoa C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:

```



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1 MEDIUM TYPE: Floppy disk
2 COMPUTER: IBM PC compatible
3 OPERATING SYSTEM: PC-DOS/MS-DOS
4 SOFTWARE: Patentin Release #1.0, Version #1.25
5 CURRENT APPLICATION DATA:
6 APPLICATION NUMBER: US/08/181,271A
7 FILING DATE: 13-JAN-94
8 CLASSIFICATION: 435
9 PRIOR APPLICATION DATA:
10 APPLICATION NUMBER: US 08/093,301
11 FILING DATE: 16-JUL-1993
12 PRIOR APPLICATION DATA:
13 APPLICATION NUMBER: US 07/937,197
14 FILING DATE: 6-NOV-1992
15 PRIOR APPLICATION DATA:
16 APPLICATION NUMBER: US 07/678,378
17 FILING DATE: 1-APR-1991
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: US 07/305,566
20 FILING DATE: 6-FEB-1989
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: US 07/165,667
23 FILING DATE: 8-MAR-1988
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: US 08/042,847
26 FILING DATE: 6-APR-1993
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US 07/632,441
29 FILING DATE: 21-DEC-1990
30 PRIOR APPLICATION DATA:
31 APPLICATION NUMBER: US 07/425,504
32 FILING DATE: 20-OCT 1989
33 PRIOR APPLICATION DATA:
34 APPLICATION NUMBER: US 07/848,506
35 FILING DATE: 6-MAR-1992
36 PRIOR APPLICATION DATA:
37 APPLICATION NUMBER: US 07/768,122
38 FILING DATE: 27-SEP-1991
39 PRIOR APPLICATION DATA:
40 APPLICATION NUMBER: US 07/580,431
41 FILING DATE: 7-SEP-1990
42 PRIOR APPLICATION DATA:
43 APPLICATION NUMBER: US 07/368,672
44 FILING DATE: 20-JUN-1989
45 PRIOR APPLICATION DATA:
46 APPLICATION NUMBER: US 07/329,018
47 FILING DATE: 24-MAR-1989
48 PRIOR APPLICATION DATA:
49 APPLICATION NUMBER: US 08/045,957
50 FILING DATE: 12-APR-1993
51 ATTORNEY/AGENT INFORMATION:
52 NAME: Elmer, James Scott
53 REGISTRATION NUMBER: 36,129
54 REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
55 TELECOMMUNICATION INFORMATION:
56 TELEPHONE: (919)541-8614
57 TELEFAX: (919)541-8689
58 INFORMATION FOR SEQ ID NO: 85:
59 SEQUENCE CHARACTERISTICS:
60 LENGTH: 30 base pairs
61 TYPE: nucleic acid
62 STRANDEDNESS: single
63 TOPOLOGY: linear
64 MOLECULE TYPE: DNA
65 US-08-181-271A-85

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	0-3%	Score	DB 1:	length
Query Match Similarity	84.6%	Pred.	No. 4.5e+02;	30;
Best Local Similarity				
Matches	22; Conservative	0;	Mismatches	4;
			Indels	0;
Gaps				0;
Oy	4463 CTTTCTTTTTTTTTTTTTTGTCCTT	4488		
Dn	30 CTATGATTGTGGTGAATT	5		

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RESULT 193 : 2 1-
: Sequence 85, Application US/08449315
: Patent No. 3650505
: GENERAL INFORMATION:
: APPLICANT: Ryals, John A.
: APPLICANT: Alexander, Danny C.
: APPLICANT: Beck, James J.
: APPLICANT: Duesing, John H.
: APPLICANT: Friedrich, Leslie B.
: APPLICANT: Goodman, Robert M.
: APPLICANT: Harms, Christian
: APPLICANT: Meins, Jr., Frederick
: APPLICANT: Montoya, Alice
: APPLICANT: Moyer, Mary B.
: APPLICANT: Neuhaus, Jean-Marc
: APPLICANT: Payne, George B.
: APPLICANT: Sperison, Christoph
: APPLICANT: Stinson, Jeffrey R.
: APPLICANT: Uknes, Scott J.
: APPLICANT: Ward, Eric R.
: APPLICANT: Williams, Shericea C.
: TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
: TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
: NUMBER OF SEQUENCES: 106
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: CIBA-GEIGY Corporation
: STREET: 7 Skyline Drive
: CITY: Hawthorne
: STATE: New York
: COUNTRY: USA
: ZIP: 10532
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/449,315
: FILING DATE: 24-MAY-1995
: CLASSIFICATION: 800
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/181,271
: FILING DATE: 13-JAN-94
: APPLICATION NUMBER: US 08/093,301
: FILING DATE: 16-JUL-1993
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/937,197
: FILING DATE: 6-NOV-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/678,378
: FILING DATE: 1-APR-1991
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/305,566
: FILING DATE: 6-FEB-1989
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/165,667
: FILING DATE: 8-MAR-1988
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/042,847
: FILING DATE: 6-APR-1993
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/632,441
: FILING DATE: 21-DEC-1990
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/425,504
: FILING DATE: 20-OCT 1989
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/848,506
: FILING DATE: 6-MAR-1992
: PRIOR APPLICATION DATA:

```

APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Helms, Jr., Frederick
APPLICANT: Melnoy, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Spertison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Ukens, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericea C.
TITLE OF INVENTION: CHEMICALLY REGULATED
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,315
FILING DATE: 24-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,302
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,137
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-449-315-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;

Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4463 CTTATGTTTTTTTTTTGCTT 4488
Db 30 CTTATGTTTTTTTTTTGAAAT 5

RESULT 194
US-08-444-803-85/c
Sequence 85, Application US/08444803
Patent No. 5654414
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Weins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Ukens, Scott J.
APPLICANT: Ward, Eric R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSER: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/444,803
FILING DATE: 19-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JUN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-444-803-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 4463 CTTATGTTTTTTTTTTGCTT 4488
||| | ||||| ||||| |||

Db 30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 195
US-08-449-043-85/c
Sequence 85, Application US/08449043
Patent No. 5689044

GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Weins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESS: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,043
FILING DATE: 24-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/PL/CGC 1727
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-449-043-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4463 CTTATGTTTTTTTTTTTGAATT 4488
Db 30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 196
US-08-456-265A-85/c
Sequence 85, Application US/08456265A
Patent No. 5767369

GENERAL INFORMATION:
APPLICANT: Alexander, Danny C.
APPLICANT: Ryals, John A.
APPLICANT: Goodman, Robert M.
APPLICANT: Stinson, Jeffrey R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESS: CIBA-GEIGY Corporation
STREET: 520 White Plains Road, P.O. Box 2005
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,265A
FILING DATE: 31-MAY-95
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,301

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; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: S-19825/PL/CGC 1727/DIV10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8587
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-456-265A-85

Query Match      0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4463 CTTTCTTTTCTTTTCTTCTT 4488
Db      30 CTTATGTTTTTTTTTTTGAATT 5

RESULT 197
US-08-455-416-85/c
; Sequence 85. Application US/08455416
; Patent No. 5777200
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
;

; APPLICANT: Duesing, John H.
; APPLICANT: Friedrich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Meins, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Moyer, Mary B.
; APPLICANT: Neuhaus, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Sperison, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Uknes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericca C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,416
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/181,271
; FILING DATE: 13-JAN-94
; APPLICATION NUMBER: US 08/093,301
; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018

```

;; FILING DATE: 24-MAR-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/045,957
;; FILING DATE: 12-APR-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Elmer, James Scott
;; REGISTRATION NUMBER: 36,129
;; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (919)541-8614
;; TELEFAX: (919)541-8689
;; INFORMATION FOR SEQ ID NO: 85:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 30 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
US-08-455-416-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4463 CTTTCTTTTCTTTTCTTCTT 4488
Db 30 CTTATGTTTTTTTTTTTGAAATT 5

RESULT 198
US-08-455-244-85/C
; Sequence 85, Application US/08455244
; Patent No. 5789214
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
; APPLICANT: Duesing, John H.
; APPLICANT: Friedrich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Helms, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Moyer, Mary B.
; APPLICANT: Neunhaus, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Sperison, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Uknes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Sherlecca C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,244
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/181,271
; FILING DATE: 13-JAN-94

;; APPLICATION NUMBER: US 08/093,301
;; FILING DATE: 16-JUL-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/937,197
;; FILING DATE: 6-NOV-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/678,378
;; FILING DATE: 1-APR-1991
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/305,566
;; FILING DATE: 6-FEB-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/165,667
;; FILING DATE: 8-MAR-1988
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/042,847
;; FILING DATE: 6-APR-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/632,441
;; FILING DATE: 21-DEC-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/425,504
;; FILING DATE: 20-OCT-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/848,506
;; FILING DATE: 6-MAR-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/768,122
;; FILING DATE: 27-SEP-1991
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/580,431
;; FILING DATE: 7-SEP-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/368,672
;; FILING DATE: 20-JUN-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/329,018
;; FILING DATE: 24-MAR-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/045,957
;; FILING DATE: 12-APR-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Elmer, James Scott
;; REGISTRATION NUMBER: 36,129
;; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (919)541-8614
;; TELEFAX: (919)541-8689
;; INFORMATION FOR SEQ ID NO: 85:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 30 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
US-08-455-244-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4463 CTTTCTTTTCTTTTCTTCTT 4488
Db 30 CTTATGTTTTTTTTTTTGAAATT 5

RESULT 199
US-08-454-876-85/C
; Sequence 85, Application US/08454876
; Patent No. 5804693
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.

APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,876
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CSC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-454-876-85
Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 4463 CTTTTTTTTTTTTTTTTTGGCTT 4488
Db 30 CTTATGTTTTTTTTTTTTTTGAATT 5
RESULT 200
US-08-457-364-85/C
Sequence 85, Application US/08457364
Patent No. 5847258
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,364
FILING DATE: 31-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271

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1      FILING DATE: 13-JAN-94
2      APPLICATION NUMBER: US 08/093,301
3      FILING DATE: 16-JUL-1993
4      PRIOR APPLICATION DATA:
5      APPLICATION NUMBER: US 07/937,197
6      FILING DATE: 6-NOV-1992
7      PRIOR APPLICATION DATA:
8      APPLICATION NUMBER: US 07/678,378
9      FILING DATE: 1-APR-1991
10     PRIOR APPLICATION DATA:
11     APPLICATION NUMBER: US 07/305,566
12     FILING DATE: 6-FEB-1989
13     PRIOR APPLICATION DATA:
14     APPLICATION NUMBER: US 07/165,667
15     FILING DATE: 8-MAR-1988
16     PRIOR APPLICATION DATA:
17     APPLICATION NUMBER: US 08/042,847
18     FILING DATE: 6-APR-1993
19     PRIOR APPLICATION DATA:
20     APPLICATION NUMBER: US 07/632,441
21     FILING DATE: 21-DEC-1990
22     PRIOR APPLICATION DATA:
23     APPLICATION NUMBER: US 07/425,504
24     FILING DATE: 20-OCT-1989
25     PRIOR APPLICATION DATA:
26     APPLICATION NUMBER: US 07/848,506
27     FILING DATE: 6-MAR-1992
28     PRIOR APPLICATION DATA:
29     APPLICATION NUMBER: US 07/768,122
30     FILING DATE: 27-SEP-1991
31     PRIOR APPLICATION DATA:
32     APPLICATION NUMBER: US 07/580,431
33     FILING DATE: 7-SEP-1990
34     PRIOR APPLICATION DATA:
35     APPLICATION NUMBER: US 07/368,672
36     FILING DATE: 20-JUN-1989
37     PRIOR APPLICATION DATA:
38     APPLICATION NUMBER: US 07/329,018
39     FILING DATE: 24-MAR-1989
40     PRIOR APPLICATION DATA:
41     APPLICATION NUMBER: US 08/045,957
42     FILING DATE: 12-APR-1993
43     ATTORNEY/AGENT INFORMATION:
44     NAME: Elmer, James Scott
45     REGISTRATION NUMBER: 36,129
46     REFERENCE/DOCKET NUMBER: S-19825/P1/CSC 1727
47     TELECOMMUNICATION INFORMATION:
48     TELEPHONE: (919)541-8614
49     TELEFAX: (919)541-8689
50     INFORMATION FOR SEQ ID NO: 85:
51     SEQUENCE CHARACTERISTICS:
52     LENGTH: 30 base pairs
53     TYPE: nucleic acid
54     STRANDEDNESS: single
55     TOPOLOGY: linear
56     MOLECULE TYPE: DNA
57     US-08-457-364-85
58
59     Query Match      0.3%  Score 19.6;  DB 1;  Length 30;
60     Best Local Similarity 84.6%;  Pred.No.4.5e+02;
61     Matches 22;  Conservative 0;  Mismatches 4;  Indels 0;  Gaps 0;
62
63     QY      4463 CTTTCTTTTCTTTTCTTCTCTT 4488
64           ||| ||||| ||||| ||||| |||
65           30 CTTATGTTTTTTTTTTTGGATT 5
66
67 RESULT 201
68 US-08-456-262-85/c
69 : Sequence 85, Application US/08456262
70 : Patent No. 5851766
71 : GENERAL INFORMATION:
72 : APPLICANT: Ryals, John A.

```

APPLICANT: Alexander, Danny C.
 APPLICANT: Beck, James J.
 APPLICANT: Duesing, John H.
 APPLICANT: Friedrich, Leslie B.
 APPLICANT: Goodman, Robert M.
 APPLICANT: Harms, Christian
 APPLICANT: Meins, Jr., Frederick
 APPLICANT: Montoya, Alice
 APPLICANT: Moyer, Mary B.
 APPLICANT: Neuhans, Jean-Marc
 APPLICANT: Payne, George B.
 APPLICANT: Sperison, Christoph
 APPLICANT: Stinson, Jeffrey R.
 APPLICANT: Uknes, Scott J.
 APPLICANT: Ward, Eric R.
 TITLE OF INVENTION: CHEMICAL C.
 TITLE OF INVENTION: CHEMICAL REGULATABLE AND ANTI-PATHOGENIC
 NUMBER OF INVENTION: DNA SEQUENCES AND USBS THEREOF
 NUMBER OF SEQUENCES: 106
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CIBA-GEIGY Corporation
 STREET: 7 Skyline Drive
 CITY: Hawthorne
 STATE: New York
 COUNTRY: USA
 ZIP: 10532
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/456,262
 FILING DATE: 31-MAY-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/181,271
 FILING DATE: 13-JAN-94
 APPLICATION NUMBER: US 08/093,301
 FILING DATE: 16-JUL-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/937,197
 FILING DATE: 6-NOV-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/678,378
 FILING DATE: 1-APR-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/305,566
 FILING DATE: 6-FEB-1989
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/165,667
 FILING DATE: 8-MAR-1988
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 06/042,847
 FILING DATE: 6-APR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/632,441
 FILING DATE: 21-DEC-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/425,504
 FILING DATE: 20-OCT 1989
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/848,506
 FILING DATE: 6-MAR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/768,122
 FILING DATE: 27-SEP-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/580,431
 FILING DATE: 7-SEP-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/368,672
 FILING DATE: 20-JUN-1989

APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesling, John H.
APPLICANT: Friedlich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Helms, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Spertson, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESS: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,736
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-1994
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672

FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-455-736-85
Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 4463 CTTTTTTTTTTTTTTTTTGTCTT 4488
Db 30 CTTATGTTTTTTTTTTTGAATT 5
RESULT 204
US-08-971-217-85/C
Sequence 85, Application US/08971217
Patent No. 594262
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Harms, Christian
APPLICANT: Friedlich, Leslie
APPLICANT: Beck, James
APPLICANT: Uknes, Scott
APPLICANT: Ward, Eric
TITLE OF INVENTION: INDUCIBLE HERBICIDE RESISTANCE
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESS: No. 594262artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/971,217
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/457,364
FILING DATE: 31-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: S-19825/P1/GC/C 1727/DIV5/CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8587
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-971-217-85

Query Match      0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches    22; Conservative    0; Mismatches    4; Indels    0; Gaps    0;

QY      4463 CTTTTCCTTTTTTTTTTTTGCTCTT 4488
          ||| ||||| ||||| ||||| ||
Db       30 CTTATGTTTTTTTTTTTTCGAATT 5

RESULT 205
US-09-350-600-85/C
; Sequence 85, Application US/09350600
; Patent No. 6262342
; GENERAL INFORMATION:
; APPLICANT: Meins, Frederick
; APPLICANT: Shinsui, Hideaki
; APPLICANT: Wenzler, Herman
; APPLICANT: Hofsteenge, Jan
; APPLICANT: Ryals, John
; APPLICANT: Speirsen, Christoph
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES
```

```

1 TITLE OF INVENTION: HAVING BETA-1,3-GLUCANASE ACTIVITY
2
3 NUMBER OF SEQUENCES: 111
4
5 CORRESPONDENCE ADDRESS:
6 ADDRESSEE: No. 626234artis Corporation
7 STREET: 3054 Cornwallis Road, P.O. Box 12257
8 CITY: Research Triangle Park
9 STATE: NC
10 COUNTRY: USA
11 ZIP: 27709
12
13 COMPUTER READABLE FORM:
14 MEDIUM TYPE: Floppy disk
15 COMPUTER: IBM PC compatible
16 OPERATING SYSTEM: PC-DOS/MS-DOS
17 SOFTWARE: Patentin Release #1.0, Version #1.25
18
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: US/09/350,600
21 FILING DATE:
22
23 PRIOR APPLICATION DATA:
24 APPLICATION NUMBER: US 08/971,217
25 FILING DATE: 14-NOV-1997
26
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US 08/457,364
29 FILING DATE: 31-MAY-1995
30
31 PRIOR APPLICATION DATA:
32 APPLICATION NUMBER: US 08/181,271
33 FILING DATE: 13-JAN-1994
34
35 PRIOR APPLICATION DATA:
36 APPLICATION NUMBER: US 08/093,301
37 FILING DATE: 16-JUL-1993
38
39 PRIOR APPLICATION DATA:
40 APPLICATION NUMBER: US 07/937,197
41 FILING DATE: 6-NOV-1992
42
43 PRIOR APPLICATION DATA:
44 APPLICATION NUMBER: US 07/678,378
45 FILING DATE: 1-APR-1991
46
47 PRIOR APPLICATION DATA:
48 APPLICATION NUMBER: US 07/305,566
49 FILING DATE: 6-FEB-1989
50
51 PRIOR APPLICATION DATA:
52 APPLICATION NUMBER: US 07/165,667
53 FILING DATE: 8-MAR-1988
54
55 PRIOR APPLICATION DATA:
56 APPLICATION NUMBER: US 08/042,847
57 FILING DATE: 6-APR-1993
58
59 PRIOR APPLICATION DATA:
60 APPLICATION NUMBER: US 07/632,441
61 FILING DATE: 21-DEC-1990
62
63 PRIOR APPLICATION DATA:
64 APPLICATION NUMBER: US 07/425,504
65 FILING DATE: 20-OCT-1989
66
67 PRIOR APPLICATION DATA:
68 APPLICATION NUMBER: US 07/848,506
69 FILING DATE: 6-MAR-1992
70
71 PRIOR APPLICATION DATA:
72 APPLICATION NUMBER: US 07/768,122
73 FILING DATE: 27-SEP-1991
74
75 PRIOR APPLICATION DATA:
76 APPLICATION NUMBER: US 07/580,431
77 FILING DATE: 7-SEP-1990
78
79 PRIOR APPLICATION DATA:
80 APPLICATION NUMBER: US 07/368,672
81 FILING DATE: 20-JUN-1989
82
83 PRIOR APPLICATION DATA:
84 APPLICATION NUMBER: US 07/329,018
85 FILING DATE: 24-MAR-1989
86
87 PRIOR APPLICATION DATA:
88 APPLICATION NUMBER: US 07/381,443
89 FILING DATE: 18-JUL-1989
90
91 PRIOR APPLICATION DATA:
92 APPLICATION NUMBER: US 07/353,312
93 FILING DATE: 17-MAY-1989
94
95 PRIOR APPLICATION DATA:
96 APPLICATION NUMBER: US 07/226,303
97

```

FILING DATE: 29-JUL-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-198250
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-350-600-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTTCTTTTCTT 4488
Db 30 CTTATGTTTTTTTTTGAAAT 5

RESULT 206
US-09-906-234-85/C
Sequence 85, Application US/09906234
Patent No. 6632981
GENERAL INFORMATION:
APPLICANT: Meins, Frederick
Shinshi, Hideaki
Wenzler, Herman
Hofsteenge, Jan
Ryals, John
Speisen, Christoph
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES
HAVING BETA-1,3-GLUCANASE ACTIVITY
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESSES:
ADDRESSEE: No. 6632981artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/906,234
FILING DATE: 16-Jul-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/350,600
FILING DATE: 9-JULY-1999
APPLICATION NUMBER: US 08/457,364
FILING DATE: 31-MAY-1995
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989

APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
APPLICATION NUMBER: US 07/381,443
FILING DATE: 18-JUL-1988
APPLICATION NUMBER: US 07/353,312
FILING DATE: 17-MAY-1989
APPLICATION NUMBER: US 07/226,303
FILING DATE: 29-JUL-1988
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-198250
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 85:
US-09-906-234-85

Query Match 0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4.5e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTTCTTTTCTT 4488
Db 30 CTTATGTTTTTTTTTGAAAT 5

RESULT 207
US-09-721-154-2
Sequence 2, Application US/09721154
Patent No. 6651008
GENERAL INFORMATION:
APPLICANT: Valsberg, Eugene
Adams, Cynthia
Saby, James
APPLICANT: Compson, Anne
TITLE OF INVENTION: Database system including computer code
for predictive cellular bioinformatics
FILE REFERENCE: Cycop007C2
CURRENT APPLICATION NUMBER: US/09/721,154
FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 24
TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Pseudo-sequence
US-09-721-154-2

Query Match          0.3%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 3.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4462 ACTTTTCTTTTCTTTTCTTTTCT 4485
Db      1 ATTTTCTTTTCTTTTCTTTTCTTTT 24

RESULT 208
US-09-866-108A-13908
; Sequence 13908, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13908
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13908

Query Match          0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTCATGCAAGTGAAGT 5565
Db      2 GCGCGTCATGCAAGTGAAGT 25

RESULT 209
US-09-866-108A-13909
; Sequence 13909, Application US/09866108A
; Patent No. 6686188
```

```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13909
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13909

Query Match          0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTCATGCAAGTGAAGT 5565
Db      1 GCGCGTCATGCAAGTGAAGT 24

RESULT 210
US-09-394-630-10
; Sequence 10, Application US/09394630
; Patent No. 6395306
; GENERAL INFORMATION:
; APPLICANT: Cui, Xiangmin
; APPLICANT: Lu, Yuefeng
; APPLICANT: Pan Pacific Pharmaceutical, Inc.
; TITLE OF INVENTION: Useful Properties of a Bee Venom Protein and Gene
; FILE REFERENCE: 019049-000200US
; CURRENT APPLICATION NUMBER: US/09/394,630
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: US 60/100,172
; PRIOR FILING DATE: 1998-09-14
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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RESULT 216
US-09-234-237-1
/ Sequence 1, Application US/09234237
/ Patent No. 6127124
/ GENERAL INFORMATION:
/ APPLICANT: Leeds, Janet M
/ APPLICANT: Cummins, Lendell L
/ TITLE OF INVENTION: Fluorescence Based Nuclease Assay
/ FILE REFERENCE: ISIS3308
/ CURRENT APPLICATION NUMBER: US/09/234,237
/ CURRENT FILING DATE: 1999-01-20
/ NUMBER OF SEQ ID NOS: 1
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 1
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6127124e1
US-09-234-237-1

Query Match      0.3%; Score 19; DB 1; Length 19;
Beet Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTTTTTTT 4482
          |||||
          1 TTTT|TTTTTTTTTTTTTTT 19

RESULT 217
US-09-016-520-20
/ Sequence 20, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ CURRENT FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 20
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-20

Query Match      0.3%; Score 19; DB 1; Length 19;
Beet Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTTTTTTT 4482
          |||||
          1 TTTT|TTTTTTTTTTTTTTT 19

```

```

; Sequence 21 Application US/09016520A
; Patent No. - 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: misc.feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-016-520-22

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTCCTTTTTTTTTTTTTTT 4482
         |||||||
DB       1 TTTTTCCTTTTTTTTTTTTTTT 19

RESULT 219
US-09-016-520-22
; Sequence 22, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: misc.feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-016-520-22

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTCCTTTTTTTTTTTTTTT 4482
         |||||||
DB       1 TTTTTCCTTTTTTTTTTTTTTT 19

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTCCTTTTTTTTTTTTTTT 4482
         |||||||
DB       1 TTTTTCCTTTTTTTTTTTTTTT 19

```

```

RESULT 220
US-09-016-520-23
; Sequence 23, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-23

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTYYYYYYYYYYYYTTT 4482
DB      1 TTTTYYYYYYYYYYYYTTT 19

RESULT 221
US-09-016-520-24
; Sequence 24, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-24

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2,2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTYYYYYYYYYYYYTTT 4482

```

[illegible]


```
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-34
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
          1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 228
US-09-016-520-44
; Sequence 44, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methyleneaminoxyethoxy
US-09-016-520-44
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
          1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 229
US-09-378-568-4
; Sequence 4, Application US/09378568
; Patent No. 6147200
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Fraser, Allister S
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: 2'-O-acetamido Modified Monomers and Oligomers
; FILE REFERENCE: ISIS4071
; CURRENT APPLICATION NUMBER: US/09/378,568
; CURRENT FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
```

```
; OTHER INFORMATION: sequence
US-09-378-568-4
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
          1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 230
US-09-130-973-20
; Sequence 20, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
US-09-130-973-20
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4482
          |||||
          1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 231
US-09-130-973-21
; Sequence 21, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethoxy
```



```

; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: NO. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-25

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No.	2.2e+02;	
Matches 19; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

Qy	4464	4482
Db	1	19

```

RESULT 236
US-09-130-973-26
; Sequence 26, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130, 973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)-
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-26

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No.	2.2e+02;	
Matches 19; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

Qy	4464	TTTTTTTTTTTTTTTTTTTT	4482
Db	1	TTTTTTTTTTTTTTTTTTTT	19

```

RESULT 237
US-09-130-973-27
; Sequence 27, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides and Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;

```

```

; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5 methyl, 2'-O-methoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 617209e1
; OTHER INFORMATION: Sequence
US-09-130-973-27

```

Query Match	0.3%	Score 19	DB 1	Length 19
Best Local Similarity	100.0%	Pred. No. 2.2e+02		
Matches 19, Conservative	0	Mismatches	0	Indels 0
				Gaps 0

[illegible]

```

RESULT 238
US-09-130-973-31
; Sequence 31, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thasha P
APPLICANT: Kawaaski, Andrew M
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (7'-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
US-09-130-973-31

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No.	2.2e+02;	
Matches 19; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

[illegible]

```

/ RESULT 239
/ US-09-130-973-33
/ Sequence 33, Application US/09130973
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ TITLE OF INVENTION: Making Same
/ FILE REFERENCE: 1S182955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 33
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence

```



```

; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-25
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```

RESULT 248
US-09-477-902-26
; Sequence 26, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-26
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

RESULT 249

```

US-09-477-902-27
; Sequence 27, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)-
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-27
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```

RESULT 250
US-09-477-902-31
; Sequence 31, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 31
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-31
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
```

Db 1 TTTTTTTTTTTTTTTT 19

```
RESULT 251
US-09-477-902-33
; Sequence 33, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: COOK, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-33
```

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4482
Db 1 TTTTTTTTTTTTTTTT 19

```
RESULT 252
US-09-477-902-34
; Sequence 34, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: COOK, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-34
```

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4482
Db 1 TTTTTTTTTTTTTTTT 19

```
RESULT 253
US-09-477-902-44
; Sequence 44, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: COOK, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy
US-09-477-902-44
```

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4482
Db 1 TTTTTTTTTTTTTTTT 19

```
RESULT 254
US-08-726-278-16
; Sequence 16, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-16
```



```

1  NAME/KEY: misc feature
2  LOCATION: (15)..(16)
3  OTHER INFORMATION: sub O linkage
4  NAME/KEY: misc feature
5  LOCATION: (16)..(17)
6  OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
7  NAME/KEY: misc feature
8  LOCATION: (17)..(18)
9  OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
10 NAME/KEY: misc feature
11 LOCATION: (18)..(19)
12 OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
13 NAME/KEY: misc feature
14 LOCATION: (19)..(19)
15 OTHER INFORMATION: 3' - O-MOE linkage
16 US-09-303-586-17

```

```

US-09-303-586-26
Sequence 26. Application US/09303586
Patent No. 6369299
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatesham
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 2'-modified T linkage
NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-modified T linkage
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-modified T linkage
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-modified T linkage
US-09-303-586-26

```

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 266
US-09-227-782-2
; Sequence 2, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-2

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 267
US-09-227-782-3
; Sequence 3, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-3

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482

Db 1 |||||
TTTT TTTT TTTT TTTT 19

RESULT 268
US-09-227-782-4
; Sequence 4, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-4

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 269
US-09-227-782-5
; Sequence 5, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-5

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||

Db 1 TTTT TTTT TTTT TTTT 19

```
RESULT 270
US-09-227-782-6
; Sequence 6, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-6
```

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482
Db 1 TTTT TTTT TTTT TTTT 19

```
RESULT 271
US-09-227-782-7
; Sequence 7, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-7
```

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482
Db 1 TTTT TTTT TTTT TTTT 19

```
RESULT 272
US-09-227-782-8
; Sequence 8, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-8
```

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482
Db 1 TTTT TTTT TTTT TTTT 19

```
RESULT 273
US-09-227-782-12
; Sequence 12, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-12
```

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4482
Db 1 TTTT TTTT TTTT TTTT 19

RESULT 282
US-10-121-135-5
; Sequence 5, Application US/10121135
; Patent No. 6552178
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muchiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-10-121-135-5

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 283
US-10-121-135-5
; Sequence 5, Application US/10121135
; Patent No. 6673912
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muchiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-10-121-135-5

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||

Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 284
US-10-121-135-26
; Sequence 26, Application US/10121135
; Patent No. 6552178
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muchiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-(2-N,N-dimethylaminoethyl) oxymethyl]-5-methyl uridine (2'
US-10-121-135-26

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 285
US-09-142-212A-10
; Sequence 10, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; PRIOR FILING DATE: 1997-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(18)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-10

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;

QY	4464	TTTTTTTTTTTTTTTTTTTT	4482
Db	1	TTTTTTTTTTTTTTTTTTTT	19

RESULT 290
US-09-409-926-18
; Sequence 18, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongliang
TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof

```

: FILE REFERENCE: ISIS4186
:
: CURRENT APPLICATION NUMBER: US/09/409,926
:
: CURRENT FILING DATE: 1999-09-30
:
: NUMBER OF SEQ ID NOS: 33
:
: SOFTWARE: PatentIn Ver. 2.1
:
: SEQ ID NO 18
:
: LENGTH: 19
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
:
: OTHER INFORMATION: Oligonucleotide
:
: OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
:
: IS-09-409-926-18

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	94.7%;	Pred. No. 2.2e+02;		
Matches	18;	Conservative	1;	Mismatches 0;
				Indels 0;
				Gaps 0;

[illegible]

RESULT 291
US-10-123-597-1
; Sequence 1, Application US/10123597

```

: GENERAL INFORMATION:
: APPLICANT: Cook, Phillip D
: APPLICANT: Kawasaki, Andrew M
: APPLICANT: Manoharan, Muthiah
: APPLICANT: Prakash, Thazha P
: APPLICANT: Fraser, Allister S
: TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
: FILE REFERENCE: IS155040
: CURRENT APPLICATION NUMBER: US/10/123,597
: CURRENT FILING DATE: 2002-07-10
: PRIOR APPLICATION NUMBER: 09/227,782
: PRIOR FILING DATE: 1999-01-08
: NUMBER OF SEQ ID NOS: 28
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 1
: LENGTH: 19
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
: NAME/KEY: misc_feature
: LOCATION: (15)..(18)
: OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
: US-10-123-597-1

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	4464	TTTTTTTTTTTTTTTT	4482
Db	1	TTTTTTTTTTTTTTTT	19

RESULT 292
US-10-123-597-2
! Sequence 2, Application US/10123597

```

GENERAL INFORMATION:
PATENT NO.: 030342
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

```

```

? FILE REFERENCE: ISIS040
? CURRENT APPLICATION NUMBER: US/10/123,597
? CURRENT FILING DATE: 2002-07-10
? PRIOR APPLICATION NUMBER: 09/227,782
? PRIOR FILING DATE: 1999-01-08
? NUMBER OF SEQ ID NOS: 28
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 2
? LENGTH: 19
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? NAME/KEY: Description of Artificial Sequence: Synthetic construct
? LOCATION: (15)..(18)
? OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
? US-10-123-597-2

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	1	19	4482
D5				

```

RESULT 293
US-10-123-597-3
; Sequence 3, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.2e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

[illegible]

RESULT 294
US-10-123-597-4
; Sequence 4, Application US/10123597-4
; Patent No. 6524294
; GENERAL INFORMATION
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawaasaki, Andrew M
; APPLICANT: Manoharan, Muthiah

APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIORITY APPLICATION NUMBER: 09/227,782
PRIORITY FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 295
US-10-123-597-5
Sequence 5, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIORITY APPLICATION NUMBER: 09/227,782
PRIORITY FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 296
US-10-123-597-6
Sequence 6, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:

APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIORITY APPLICATION NUMBER: 09/227,782
PRIORITY FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 297
US-10-123-597-7
Sequence 7, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIORITY APPLICATION NUMBER: 09/227,782
PRIORITY FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4464 TTTT TTTT TTTT TTTT TTTT 4482
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 298
US-10-123-597-8

```

; Sequence 8: Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OR INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; US-10-123-597-8

```

Query Match	0.3%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2.2e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464		4482
Db	1		19

RESULT 299
US-10-123-597-12
; Sequence 12, Application US/10123597

```

/ Patent No. 5624294
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Fraser, Allister S
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: ISIS040
/ CURRENT APPLICATION NUMBER: US/10/123,597
/ CURRENT FILING DATE: 2002-07-10
/ PRIOR APPLICATION NUMBER: 09/227,782
/ PRIOR FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 12
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
/ NAME/KEY: misc feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
/ US-10-123-597-12

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Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.2e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	4482
Db	1	19

```

RESULT 300
US-10-123-597-14
/ Sequence 14, Application US/10123597
/ Patent No. 6624294
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Fraser, Allister S
/ TITLE OR INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: ISIS040
/ CURRENT APPLICATION NUMBER: US/10/123,597
/ CURRENT FILING DATE: 2002-07-10
/ PRIOR APPLICATION NUMBER: 09/227,782
/ PRIOR FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 14
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
/ NAME/KEY: misc feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No.	2.2e+02;	
Matches 19; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0

QY	4464		4482
Db	1		19

```

RESULT 301
US-10-123-597-15
/ Sequence 15, Application US/10123597
/ Patent No. 6624294
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Fraser, Allister S
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: ISIS5040
/ CURRENT APPLICATION NUMBER: US/10/123,597
/ CURRENT FILING DATE: 2002-07-10
/ PRIOR APPLICATION NUMBER: 09/227,782
/ PRIOR FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 15
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
/ NAME/KEY: misc feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No.	2.2e+02;	
Matches 19; Conservative	0;	Mismatches	0;	Gaps 0

Matches 19; Conservative 0; M

Db 1 |||||
1 TTTT 19

RESULT 302
US-10-123-597-25
; Sequence 25, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 2'-methylenelminooxyethoxy
US-10-123-597-25

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4482
1 TTTT 19

RESULT 303
US-09-349-033A-1
; Sequence 1, Application US/09349033A
; Patent No. 6639061
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphate Oligomers and Related Compound
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/09/349,033A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-349-033A-1

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4482
1 TTTT 19

RESULT 304
US-09-435-806-6
; Sequence 6, Application US/09435806
; Patent No. 6653458
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Guinsoo, Charles J.
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4289
; CURRENT APPLICATION NUMBER: US/09/435,806
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/115,043
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/602,862
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-435-806-6

Query Match 0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT 4482
1 TTTT 19

RESULT 305
US-08-482-918-32
; Sequence 32, Application US/08482918
; Patent No. 6207417
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Kriscina M.
; APPLICANT: Bosseiman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,918
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/33005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:


```

:      TYPE: nucleic acid
:      STRANDEDNESS: single
:      TOPOLOGY: linear
:      MOLECULE TYPE: DNA
US-08-336-728A-32

Query Match      0.3%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4466 TTTT TTTT TTTT TTTT TTTT G 4484
Db      1 TTTT TTTT TTTT TTTT TTTT G 19

RESULT 308
US-08-359-295C-23
: Sequence 23, Application US/08359295C
: Patent No. 5695934
: GENERAL INFORMATION:
: APPLICANT: Sydney Brenner
: TITLE OF INVENTION: Massively Parallel Sequencing of Sorted Polynucleotides
: NUMBER OF SEQUENCES: 23
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
: STREET: 3832 Bay Center Place
: CITY: Hayward
: STATE: California
: COUNTRY: USA
: ZIP: 94545
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 inch diskette
: COMPUTER: IBM compatible
: OPERATING SYSTEM: Windows 3.1
: SOFTWARE: Microsoft Word 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/359,295C
: FILING DATE: 19-DEC-94
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/322,348
: FILING DATE: 13-OCT-94
: ATTORNEY/AGENT INFORMATION:
: NAME: Stephen C. Macevicz
: REGISTRATION NUMBER: 30,285
: REFERENCE/DOCKET NUMBER: mp81
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (510) 670-9365
: TELEFAX: (510) 670-9302
: INFORMATION FOR SEQ ID NO: 23:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 nucleotides
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
US-08-359-295C-23

Query Match      0.3%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT 4482
Db      3 TTTT TTTT TTTT TTTT TTTT TTTT 21

RESULT 309
US-08-485-105A-23
: Sequence 23, Application US/08485105A
: Patent No. 5863722
: GENERAL INFORMATION:
: APPLICANT: Sydney Brenner
: TITLE OF INVENTION: Massively Parallel Sequencing of Sorted Polynucleotides
```

```

:      NUMBER OF SEQUENCES: 23
:      CORRESPONDENCE ADDRESS:
:      ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
:      STREET: 3832 Bay Center Place
:      CITY: Hayward
:      STATE: California
:      COUNTRY: USA
:      ZIP: 94545
:      COMPUTER READABLE FORM:
:      MEDIUM TYPE: 3.5 inch diskette
:      COMPUTER: IBM compatible
:      OPERATING SYSTEM: Windows 3.1
:      SOFTWARE: Microsoft Word 5.1
:      CURRENT APPLICATION DATA:
:      APPLICATION NUMBER: US/08/485,105A
:      FILING DATE:
:      CLASSIFICATION: 435
:      PRIOR APPLICATION DATA:
:      APPLICATION NUMBER: 08/359,295
:      FILING DATE: 19-DEC-94
:      APPLICATION NUMBER: 08/322,348
:      FILING DATE: 13-OCT-94
:      ATTORNEY/AGENT INFORMATION:
:      NAME: Stephen C. Macevicz
:      REGISTRATION NUMBER: 30,285
:      REFERENCE/DOCKET NUMBER: mp81
:      TELECOMMUNICATION INFORMATION:
:      TELEPHONE: (510) 670-9365
:      TELEFAX: (510) 670-9302
:      INFORMATION FOR SEQ ID NO: 23:
:      SEQUENCE CHARACTERISTICS:
:      LENGTH: 21 nucleotides
:      TYPE: nucleic acid
:      STRANDEDNESS: double
:      TOPOLOGY: linear
US-08-485-105A-23

Query Match      0.3%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT 4482
Db      3 TTTT TTTT TTTT TTTT TTTT TTTT 21

RESULT 310
US-09-183-650-23
: Sequence 23, Application US/09183650B
: Patent No. 6140489
: GENERAL INFORMATION:
: APPLICANT: Brenner, Sydney
: TITLE OF INVENTION: Improved compositions for sorting polynucleotides
: FILE REFERENCE: 803-03
: CURRENT APPLICATION NUMBER: US/09/183,650B
: EARLIER FILING DATE: 1998-10-30
: EARLIER APPLICATION NUMBER: US 08/485,105
: EARLIER FILING DATE: 1995-06-07
: EARLIER APPLICATION NUMBER: US 08/359,295
: EARLIER FILING DATE: 1994-12-19
: EARLIER APPLICATION NUMBER: US 08/322,348
: EARLIER FILING DATE: 1994-10-13
: NUMBER OF SEQ ID NOS: 23
: SOFTWARE: Microsoft Word97
: SEQ ID NO 23
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE: No. 6140489special biological significance.
: NAME/KEY: Primer.
: LOCATION: N.a.
: OTHER INFORMATION: Primer for synthesis of first strand of cDNA.
US-09-183-650-23
```

Query Match	0.3%	Score 19	DB 1	Length 21
Best Local Similarity	100.0%	Pred. No. 2.8e+02		
Matches 19	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Qy	4464	TTTTTTTTTTTTTTTTTTTT	4482	
Db	3	TTTTTTTTTTTTTTTTTTT	21	

```

RESULT 311
PCT-US94-05407-7/c
; Sequence 7, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/061,694
; FILING DATE: 13-MAY-1993
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
PCT-US94-05407-7

Query Match          0.3%; Score 19; DB 1; Length 23;
Best Local Similarity 100.0%; Pred.No. 3.4e+02;
Matches   19; Conservative    0; Mismatches    0; Indels    0; Gaps    0

QY      4466 TTTT TTTTTTTTTTTTTTG 4484
        |||||
Db       23 TTTT TTTTTTTTTTTTTTG 5

RESULT 312
PCT-US94-05407-8
; Sequence 8, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407

```

```

? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 08/061,694
? FILING DATE: 13-MAY-1993
? INFORMATION FOR SEQ ID NO: 8:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 23 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: oligonucleotide
PCT-US94-05407-8

Query Match          0.3%; Score 19; DB 1; Length 23;
Best Local Similarity 5.3%; Pred.No.3,4e+02;
Matches      1; Conservative    18; Mismatches      0; Indels      0; Gaps      0

Oy          4466 TTTT'TTTTTTTTTTTG 4484
             ::::::::::::::::::::|
Db           1 UUUUUUUUUUUUUUUUG 19

```

QY	4466	TTTTTTTTTTTTTTTTTTG	4484
DB	1	UUUUUUUUUUUUUUUUUG	19
QY	4462	ACTTTTTTTTTTTTTTTT	4480
DB	8	ACTTTTTTTTTTTTTTTT	26

Query Match 0.3%; Score 19; DB 1; Length 23;
 Best Local Similarity 5.3%; Pred. No. 3.4e+02;
 Matches 1; Conservative 18; Mismatches 0; Indels 0; Gaps 0

RESULT 313
 US-08-622-354-8
 ; Sequence 8, Application US/08622354
 ; Patent No. 5827518
 ; GENERAL INFORMATION:
 ; APPLICANT: WEBB, Bruce A.
 ; APPLICANT: CUI, Liwang
 ; TITLE OF INVENTION: VIRAL AND INSECT GENES THAT INHIBIT THE
 ; TITLE OF INVENTION: IMMUNE SYSTEM AND METHODS OF USE THEREOF
 ; NUMBER OF SEQUENCES: 8
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: LOWE, PRICE, LEBLANC & BECKER
 ; STREET: 99 Canal Center Plaza, Suite 300
 ; CITY: Alexandria
 ; STATE: VA
 ; COUNTRY: US
 ; ZIP: 22314
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/622.354
 ; FILING DATE: 27-MAR-1996
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Price, Robert L.
 ; REGISTRATION NUMBER: 22,685
 ; REFERENCE/DOCKET NUMBER: 434-061
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703) 684-1111
 ; TELEFAX: (703) 684-1124
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 26 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "PRIMER"
 ; HYPOTHETICAL: NO
 ; US-08-622-354-8

Query Match 0.3%; Score 19; DB 1; Length 26;
 Best Local Similarity 100.0%; Pred. No. 4.4e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0

RESULT 314
US-08-762-106-11/C
; Sequence 11, Application US/08762106
; Patent No. 5948677
; GENERAL INFORMATION:
; APPLICANT: Jarvik, Jonathan W.
; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harris Brotman
; STREET: 202 Coast Blvd., Suite 111
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,106
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brotman, Harris F.
; REGISTRATION NUMBER: 35,461
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 654-2428
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-762-106-11

Query Match 0.3%; Score 19; DB 1; Length 28;
Best Local Similarity 81.5%; Pred. No. 5.1e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5788 CTGCTGCTGCTGCTGCTGCTGCTG 5814
Db 28 CTGCTGCTGCTGCTGCTGCTGCTG 2

RESULT 315
US-09-320-774-11/C
; Sequence 11, Application US/09320774
; Patent No. 6265545
; GENERAL INFORMATION:
; APPLICANT: Jarvik, Jonathan W.
; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harris Brotman
; STREET: 202 Coast Blvd., Suite 111
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/320,774
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/762,106
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brotman, Harris F.
; REGISTRATION NUMBER: 35,461
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 654-2428
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-09-320-774-11

Query Match 0.3%; Score 19; DB 1; Length 28;
Best Local Similarity 81.5%; Pred. No. 5.1e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5788 CTGCTGCTGCTGCTGCTGCTGCTG 5814
Db 28 CTGCTGCTGCTGCTGCTGCTGCTG 2

RESULT 316
US-09-304-232-464/C
; Sequence 464, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Pan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 464
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CGREX1 125
; US-09-304-232-464

Query Match 0.3%; Score 19; DB 1; Length 29;
Best Local Similarity 90.5%; Pred. No. 5.5e+02;
Matches 19; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433
Db 21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 317
US-08-018-129-15
; Sequence 15, Application US/08018129
; Patent No. 5589375
; GENERAL INFORMATION:
; APPLICANT: Ulrich, Axel

Query Match 0.3%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4459 TGCACCTTTT 4480
Db 2 TCGACTTTT 23

RESULT 320
US-08-115-497-1/c

; Sequence 1, Application US/08115497
; Patent No. 5514546
; GENERAL INFORMATION:
; APPLICANT: KOOL, Eric T.
; TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING
; TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/115,497
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Digilio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8771
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-115-497-1

Query Match 0.3%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4017 GAGAAAAAGAGAAAAACA 4038
Db 24 GAAAAAAGAGAAAAA 3

RESULT 321
US-08-466-670-1/c

; Sequence 1, Application US/08466670
; Patent No. 5808036
; GENERAL INFORMATION:
; APPLICANT: KOOL, Eric T.
; TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING
; TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza

CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,670
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/115,497
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Digilio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8771
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-466-670-1

Query Match 0.3%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4017 GAGAAAAAGAGAAAAACA 4038
Db 24 GAAAAAAGAGAAAAA 3

RESULT 322
US-08-014-943A-21

; Sequence 21, Application US/08014943A
; Patent No. 5545551
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; TITLE OF INVENTION: Bergmann, Andrew D.
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/014,943A
; FILING DATE: 02/FEB/1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-033
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090

TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-014-943A-21

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGTTTTTTTTTTTTTTT 4480
DB 5 TGCAGTTTTTTTTTTTTTTT 26

RESULT 323
US-08-486-421-15
Sequence 15, Application US/08486421
Patent No. 5672479
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,421
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-421-15

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGTTTTTTTTTTTTTTT 4480
DB 5 TGCAGTTTTTTTTTTTTTTT 26

RESULT 324
US-08-470-911-15
Sequence 15, Application US/08470911
Patent No. 5756684
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,911
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-470-911-15

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGTTTTTTTTTTTTTTT 4480
DB 5 TGCAGTTTTTTTTTTTTTTT 26

RESULT 325
US-08-486-809-15
Sequence 15, Application US/08486809
Patent No. 5869622
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/486,809
;; FILING DATE: 07-JUN-1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/470,911
;; FILING DATE: 06-JUN-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Coruzzi, Laura A.
;; REGISTRATION NUMBER: 30,742
;; REFERENCE/DOCKET NUMBER: 6923-053
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 790-9090
;; TELEFAX: (212) 869-9741/8864
;; TELETYPE: 66141 PENNIE
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 26 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; US-08-486-809-15

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGCAGTTTTTTTTTTTTTTT 4480
DB 5 TGCAGTTTTTTTTTTTTTTT 26

RESULT 326
US-08-978-321-1
; Sequence 1, Application US/08978321
; Patent No. 6162437
; GENERAL INFORMATION:
; APPLICANT: PYUN, Kwang-Ho
; APPLICANT: CHOI, Inpyo
; APPLICANT: KANG, Hyung-Sik
; APPLICANT: LEE, Jung-Joon
; APPLICANT: KIM, Young-Ho
; TITLE OF INVENTION: METHOD FOR INHIBITING INTERLEUKIN-6
; TITLE OF INVENTION: PRODUCTION BY ADMINISTERING EXTRACTS
; NUMBER OF SEQUENCES: 3
; FROM ROOT OF STEPHANIA TETRANDRA
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PYUN, Kwang-Ho
; STREET: Woosung Apt. 5-406, Dogok-dong, Kangnam-ku
; CITY: Seoul
; STATE: Seoul
; COUNTRY: Republic of Korea
; ZIP: 135-270
; ADDRESSEE: CHOI, Inpyo
; STREET: Dasol Apt. 103-204, Kung-dong, Yuseong-ku
; CITY: Taejeon
; STATE: Taejeon
; COUNTRY: Republic of Korea
; ZIP: 305-335
; ADDRESSEE: KANG, Hyung-Sik
; STREET: Jonwon Apt. 102-1401, Weolpyung-dong, Seo-ku
; CITY: Taejeon
; STATE: Taejeon
; COUNTRY: Republic of Korea
; ZIP: 302-280
; ADDRESSEE: LEE, Jung-Joon
; STREET: Hanbit Apt. 132-201, Boeun-dong, Yuseong-ku
; CITY: Taejeon
; STATE: Taejeon
; COUNTRY: Republic of Korea
; ZIP: 305-333
; ADDRESSEE: KIM, Young-Ho

;; STREET: Hanbit Apt. 125-1504, Boeun-dong, Yuseong-ku
;; CITY: Taejeon
;; STATE: Taejeon
;; COUNTRY: Republic of Korea
;; ZIP: 305-333
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
;; COMPUTER: IBM PC/AT
;; OPERATING SYSTEM: MS-DOS
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/978,321
;; FILING DATE: 25-NOV-1997
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: KR 94-12962
;; FILING DATE: 09-JUN-1994
;; APPLICATION NUMBER: US98 08/750,462
;; FILING DATE: 06-DEC-1996
;; APPLICATION NUMBER: PCT/KR95/00073
;; FILING DATE: 05-JUN-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME:
;; REGISTRATION NUMBER:
;; REFERENCE/DOCKET NUMBER:
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE:
;; TELEFAX:
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 26 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; US-08-978-321-1

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGCGTTTTTTTTTTTTTTT 4481
DB 5 GGCGTTTTTTTTTTTTTTT 26

RESULT 327
US-08-584-040-6313
; Sequence 6313, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6313:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
OTHER INFORMATION: The letter "N" represents the stem if region
OTHER INFORMATION: of an HH ribozyme.
US-08-584-040-6313

Query Match 0.2%; Score 18.6; DB 1; Length 27;
Best Local Similarity 53.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY 5813 TGCCTATGATGATGAATCTCTGC 5838
DB 2 UGCCUGUGAUGAUAUCCUCC 27

RESULT 328
US-08-858-767-14
Sequence 14, Application US/08858767
Patent No. 5837468
GENERAL INFORMATION:
APPLICANT: WANG, Xun
APPLICANT: DUVICK, Jonathan P.
APPLICANT: BRIGGS, Steven P.
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
TITLE OF INVENTION: METHOD
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
COMPUTER TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,767
FILING DATE: 19-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,687
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/325/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300

TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-858-767-14

Query Match 0.2%; Score 18.6; DB 1; Length 28;
Best Local Similarity 84.0%; Pred. No. 6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTTCTTTTGG 4484
DB 4 GGATCGTCTTTTCTTTTCTTTTGG 28

RESULT 329
US-08-863-028-14
Sequence 14, Application US/08863028
Patent No. 5853991
GENERAL INFORMATION:
APPLICANT: WANG, Xun
APPLICANT: DUVICK, Jonathan P.
APPLICANT: BRIGGS, Steven P.
TITLE OF INVENTION: PCR-BASED CDNA SUBTRACTIVE CLONING
TITLE OF INVENTION: METHOD
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
COMPUTER TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,028
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/858,767
FILING DATE: 19-MAY-1997
APPLICATION NUMBER: US 08/481,687
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/325/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-863-028-14

Query Match 0.2%; Score 18.6; DB 1; Length 28;
Best Local Similarity 84.0%; Pred. No. 6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4460 GGACTTTTCTTTTCTTTTCTTTTGG 4484
DB 4 GGATCGTCTTTTCTTTTCTTTTGG 28

DB 4 GGATCGTTTTTTTTTTTTTTT 28

RESULT 330

US-08-482-918-33

; Sequence 33, Application US/08482918

; Patent No. 6207417

; GENERAL INFORMATION:

; APPLICANT: Zeebo, Kristina M.

; APPLICANT: Bosseiman, Robert A.

; APPLICANT: Sugs9, Sidney V.

; APPLICANT: Martin, Francis H.

; TITLE OF INVENTION: Stem Cell Factor

; NUMBER OF SEQUENCES: 104

; CORRESPONDENCE ADDRESS:

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

; ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/482,918

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; ATTORNEY/AGENT INFORMATION:

; NAME: Clough, David W.

; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 01017/33005

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 312/474-6300

; TELEFAX: 312/474-0448

; TELEX: 25-3856

; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-482-918-33

Query Match 0.2%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 3.2e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4465 TTTTTTTTTTTTTTTTGG 4484

Db 1 TTTTTTTTTTTTTTTTGG 20

RESULT 331

US-08-482-918-34

; Sequence 34, Application US/08482918

; Patent No. 6207417

; GENERAL INFORMATION:

; APPLICANT: Zeebo, Kristina M.

; APPLICANT: Bosseiman, Robert A.

; APPLICANT: Sugs9, Sidney V.

; APPLICANT: Martin, Francis H.

; TITLE OF INVENTION: Stem Cell Factor

; NUMBER OF SEQUENCES: 104

; CORRESPONDENCE ADDRESS:

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/482,918

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; ATTORNEY/AGENT INFORMATION:

; NAME: Clough, David W.

; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 01017/33005

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 312/474-6300

; TELEFAX: 312/474-0448

; TELEX: 25-3856

; INFORMATION FOR SEQ ID NO: 34:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-482-918-34

Query Match 0.2%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 3.2e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4465 TTTTTTTTTTTTTTTTGG 4484

Db 1 TTTTTTTTTTTTTTTTGG 20

RESULT 332

US-09-224-681-33

; Sequence 33, Application US/09224681

; Patent No. 6207454

; GENERAL INFORMATION:

; APPLICANT: Zeebo, Kristina M.

; APPLICANT: Bosseiman, Robert A.

; APPLICANT: Sugs9, Sidney V.

; APPLICANT: Martin, Francis H.

; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene

; TRANSFER WITH ENHANCING THE EFFICIENCY OF GENE

; NUMBER OF SEQUENCES: 104

; CORRESPONDENCE ADDRESS:

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

; ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/224,681

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/005,893

; FILING DATE: 12-JAN-1998

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/449,653

; FILING DATE: 24-MAY-1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:


```

? APPLICANT: Oгава, Masashi
? APPLICANT: Takagi, Makoto
? APPLICANT: Takenaka, Shigeori
? APPLICANT: Yamashita, Kenichi
? TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using 2
? TITLE OF INVENTION: Electroconductive Chip and Intercalator
? FILE REFERENCE: JG-YX-4980/500569.20039
? CURRENT APPLICATION NUMBER: US/09/588,950A
? PRIOR FILING DATE: 2000-06-07
? PRIOR APPLICATION NUMBER: Japan 11-159339
? NUMBER OF SEO ID NOS: 9
? SOFTWARE: patentIn version 3.1
? SEO ID NO 5
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Synthesized
? JS-09-588-950A-5

```

Query Match	0.2%	Score 18.4;	DB 1;	length 20;
Best Local Similarity	95.0%	Pred. No. 3.2e+02;		
Matches 19; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	4464	4483
Db	1	20

RESULT 338
 US-09-475-947A-119
 Sequence 119, Application US/09475947A
 Patent No. 6472154
 GENERAL INFORMATION:
 APPLICANT: Garner, Harold R.
 APPLICANT: Wren, Jonathan D.
 APPLICANT: Minna, John D.
 TITLE OF INVENTION: Polymorphic Repeats in Human Genes
 FILE REFERENCE: US000667
 CURRENT APPLICATION NUMBER: US/09/475,947A
 CURRENT FILING DATE: 1999-12-31
 NUMBER OF SEQ ID NOS: 346
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 119
 LENGTH: 21
 TYPE: DNA
 ORGANISM: human
 US-09-475-947A-119

Query Match	0.2%	Score 18.4;	DB 1;	Length 21;
Best Local Similarity	95.0%	Pred. No. 3.6e+02;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

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1	TTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTT
2	TTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTT
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20	TTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTTTTTTTTTTT

RESULT 339
US-08-123-449A-1
Sequence 1, Application US/08123449A
Patent No. 5583032
GENERAL INFORMATION:
APPLICANT: TORRENCE, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATAN, MAITRA
APPLICANT: KRYSZYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear

STREET: 620 Newport Center Drive
City: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/123,449A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael P.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034,0010PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ. ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-123-449A-1

Query Match	0.2%	Score 18.4;	DB 1;	Length 22;
Best Local Similarity	95.0%	Pred. No. 4e+02;		
Matches 19; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

[illegible]

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1      RESULT: 340
2      US-08-123-449A-2
3      ; Sequence 2, Application US/08123449A
4      ; Patent No. 5583032
5      ;
6      ; GENERAL INFORMATION:
7      ;
8      ; APPLICANT: TORRENCE, PAUL
9      ;
10     ; APPLICANT: ROBERT, SILVERMAN
11     ;
12     ; APPLICANT: RATAN, MAITRA
13     ;
14     ; APPLICANT: KRISTYNA, LESIAK
15     ;
16     ; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
17     ;
18     ; TITLE OF INVENTION: OF RNA
19     ;
20     ; NUMBER OF SEQUENCES: 22
21     ;
22     ; CORRESPONDENCE ADDRESS:
23     ;
24     ; ADDRESSEE: Knobbe, Martens, Olson and Bear
25     ;
26     ; STREET: 620 Newport Center Drive
27     ;
28     ; CITY: Newport Beach
29     ;
30     ; STATE: CA
31     ;
32     ; COUNTRY: USA
33     ;
34     ; ZIP: 92660
35     ;
36     ; COMPUTER READABLE FORM:
37     ;
38     ; MEDIUM TYPE: Diskette
39     ;
40     ; COMPUTER: IBM Compatible
41     ;
42     ; OPERATING SYSTEM: DOS version
43     ;
44     ; SOFTWARE: FastSeq Version 1.0
45     ;
46     ; CURRENT APPLICATION DATA:
47     ;
48     ; APPLICATION NUMBER: US/08/123,449A
49     ;
50     ; FILING DATE:
51     ;
52     ; PRIOR APPLICATION DATA:

```

APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-123-449A-2

Query Match 0.2%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTTCTTTT 4481
DB 3 AATTTTCTTTTCTTTTCTTTT 22

RESULT 341
US-08-458-050-1
Sequence 1, Application US/08458050
Patent No. 5677289
GENERAL INFORMATION:
APPLICANT: TORENC, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATNA, MAITRA
APPLICANT: KRISTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,050
FILING DATE: 01-JUN-1995
CLASSIFICATION: 514
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-458-050-1

LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-458-050-1

Query Match 0.2%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTTTTCTTTT 4481
DB 3 AATTTTCTTTTCTTTTCTTTT 22

RESULT 342
US-08-458-050-2
Sequence 2, Application US/08458050
Patent No. 5677289
GENERAL INFORMATION:
APPLICANT: TORENC, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATNA, MAITRA
APPLICANT: KRISTYNA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,050
FILING DATE: 01-JUN-1995
CLASSIFICATION: 514
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-458-050-2

Query Match 0.2%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 4e+02; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4462 ACTTTTTTTTTTTTTTTTTT 4481
Db 3 AATTTTTTTTTTTTTTTTTT 22

RESULT 343
US-08-950-196-1
; Sequence 1, Application US/08950196
; Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RAYAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-950-196-1
Query Match 0.2%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 4e+02; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4462 ACTTTTTTTTTTTTTTTTTT 4481
Db 3 AATTTTTTTTTTTTTTTTTT 22

Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RAYAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-950-196-2
Query Match 0.2%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 4e+02; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4462 ACTTTTTTTTTTTTTTTTTT 4481
Db 3 AATTTTTTTTTTTTTTTTTT 22

RESULT 345
US-08-881-784-18
; Sequence 18, Application US/08881784
; Patent No. 6081731
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Lupien, Shari L.
; APPLICANT: Karp, Frank
; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR
; TITLE OF INVENTION: THE PRODUCTION OF LIMONENE HYDROXYLASES
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
; ADDRESSER: PLC
; STREET: 1420 Fifth Avenue, Suite 2800

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1      CITY: Seattle
2      STATE: WA
3      COUNTRY: USA
4      ZIP: 98101
5
6      COMPUTER READABLE FORM:
7      MEDIUM TYPE: Floppy disk
8      COMPUTER: IBM PC compatible
9      OPERATING SYSTEM: PC-DOS/MS-DOS
10     SOFTWARE: Patent Release #1.0, Version #1.30
11     CURRENT APPLICATION DATA:
12     APPLICATION NUMBER: US/08/881,784
13
14     FILING DATE:
15
16     CLASSIFICATION: 435
17
18     ATTORNEY/AGENT INFORMATION:
19     NAME: Shelton, Dennis K.
20     REGISTRATION NUMBER: 26,997
21     REFERENCE/DOCKET NUMBER: W9URJ9777
22     TELECOMMUNICATION INFORMATION:
23     TELEPHONE: (206) 224-0718
24     TELEFAX: (206) 224-0779
25
26     INFORMATION FOR SEQ ID NO: 18:
27     SEQUENCE CHARACTERISTICS:
28     LENGTH: 19 base pairs
29     TYPE: nucleic acid
30     STRANDEDNESS: single
31     TOPOLOGY: linear
32     MOLECULE TYPE: cDNA
33     FEATURE:
34     NAME/KEY: misc feature
35     LOCATION: 1..19
36
37     OTHER INFORMATION: /product= "Primer 3.B (Table 1)"
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STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,138
FILING DATE: June 7, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-Z/JPN/MUG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-484-138-1

Query Match          0.2%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCTTTCTTTCTTCT 5720
Db      23 TTTTCCTCTCTTTTCATTCT 1

RESULT 349
PCT-US95-06379-1/c
Sequence 1, Application PC/TUS9506379
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Wei, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
```

```
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-1

Query Match          0.2%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 4.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCTTTCTTTCTTCT 5720
Db      23 TTTTCCTCTCTTTTCATTCT 1

RESULT 350
US-09-721-154-7
Sequence 7, Application US/09721154
Patent No. 6651008
GENERAL INFORMATION:
APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: For predictive cellular bioinformatics
FILE REFERENCE: Cytop007C2
CURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Pseudo-sequence
US-09-721-154-7

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 5.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4466 TTTTGTGTTTTTTTGTGCTT 4488
Db      2 TTTTGTGTTTTTTTGTGCTT 24

RESULT 351
US-08-374-144-3
Sequence 3, Application US/08374144
Patent No. 5629147
GENERAL INFORMATION:
APPLICANT: Apogenex, Inc.
TITLE OF INVENTION: Enriching and Identifying Fetal Cells
TITLE OF INVENTION: Maternal Blood For In Situ Hybridization
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman Wilf & Fried
STREET: 20 West Third Street, P.O. Box 703
CITY: Media
STATE: PA
COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/374,144
FILING DATE:
```

```
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Gerry J. Elman
/ REGISTRATION NUMBER: 24,404
/ REFERENCE/DOCKET NUMBER: M19-085
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 610-892-9580
/ TELEFAX: 610-892-9577
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 25 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHEITICAL: NO
/ ANTI-SENSE: NO
US-08-374-144-3

Query Match          0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      60  CGAGAGCTGCGGCGCGCGCGCG  82
Db      1  CGGCGCGCGCGCGCGCGCGCGCG  23

RESULT 352
US-08-775-164-3
; Sequence 3, Application US/08775164
; Patent No. 5766843
; GENERAL INFORMATION:
; APPLICANT: Aprogenex, Inc.
; TITLE OF INVENTION: Enriching and Identifying Fetal Cells
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Elman & Associates
; STREET: 20 West Third Street, P.O. Box 1969
; CITY: Media
; STATE: PA
; COUNTRY: USA
; ZIP: 19063-8969
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 720K diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/775,164
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Gerry J. Elman
; REGISTRATION NUMBER: 24,404
; REFERENCE/DOCKET NUMBER: M19-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-892-9577
; TELEFAX: 610-892-9577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEITICAL: NO
; ANTI-SENSE: NO
US-08-775-164-3

Query Match          0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Oy      60  CGAGAGCTGCGGCGCGCGCGCGCG  82
Db      1  CGGCGCGCGCGCGCGCGCGCGCG  23

RESULT 353
US-08-775-609-3
; Sequence 3, Application US/08775609
; Patent No. 5858649
; GENERAL INFORMATION:
; APPLICANT: Aprogenex, Inc.
; TITLE OF INVENTION: Enriching and Identifying Fetal Cells
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Elman & Associates
; STREET: 20 West Third Street, P.O. Box 1969
; CITY: Media
; STATE: PA
; COUNTRY: USA
; ZIP: 19063-8969
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 720K diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/775,609
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gerry J. Elman
; REGISTRATION NUMBER: 24,404
; REFERENCE/DOCKET NUMBER: M19-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-892-9580
; TELEFAX: 610-892-9577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEITICAL: NO
; ANTI-SENSE: NO
US-08-775-609-3

Query Match          0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      60  CGAGAGCTGCGGCGCGCGCGCGCG  82
Db      1  CGGCGCGCGCGCGCGCGCGCGCG  23

RESULT 354
US-08-775-607-3
; Sequence 3, Application US/08775607
; Patent No. 5861253
; GENERAL INFORMATION:
; APPLICANT: Aprogenex, Inc.
; TITLE OF INVENTION: Enriching and Identifying Fetal Cells
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Elman & Associates
; STREET: 20 West Third Street, P.O. Box 1969
; CITY: Media
; STATE: PA
; COUNTRY: USA
; ZIP: 19063-8969
; COMPUTER READABLE FORM:
```

```

; MEDIUM TYPE: 3.5 inch 720K diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/775,607
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gerry J. Eiman
; REGISTRATION NUMBER: 24,404
; REFERENCE/DOCKET NUMBER: M19-103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-892-9580
; TELEFAX: 610-892-9577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: NO
; ANTI-SENSE: NO
; US-08-775-607-3

Query Match      0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60 CGGAGCTGGCGGGCGCGCGCG 82
Db      1 CGGCGCGCGCGCGCGCGCGCG 23

RESULT 355
; US-09-866-108A-13907
; Sequence 13907, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
```

```

; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13907
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-13907

Query Match      0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTCATGCAGTGCAGAG 5564
Db      3 GCGGTTCATGCAGCTGCAGAG 25

RESULT 356
; US-09-866-108A-13910
; Sequence 13910, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13910
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-13910

Query Match      0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5543 GTGTCATGCAGTGCAGAGT 5565
Db      1 GCGGTTCATGCAGCTGCAGAGT 23

RESULT 357
```


PCT-US93-06828-3
Sequence 3, Application PC/TUS9306828
GENERAL INFORMATION:
APPLICANT: Asgari, Morteza
APPLICANT: Bresner, Joel
APPLICANT: Cubeser, Michael L
APPLICANT: Praesbad, Nandindra
TITLE OF INVENTION: Enriching and Identifying Fetal Cells in Maternal Blood For
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
STREET:
CITY:
STATE:
COUNTRY:
ZIP:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 Floppy disk - 720 K
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06828
FILING DATE: 19930719
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE:
TELEFAX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US93-06828-3

Query Match 0.2%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 5.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 60 CGGAGGCTGGCGGCGCGCGCG 82
Db 1 CGGCGCGCGCGCGCGCGCGCG 23

RESULT 359
US-08-621-914A-16
Sequence 16, Application US/08621914A
Patent No. 5707807
GENERAL INFORMATION:
APPLICANT: KATO, KIKUYA
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
STREET: 1155 AVENUE OF THE AMERICAS
CITY: NEW YORK
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,914A
FILING DATE: 26-MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
US-08-621-914A-16

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 359
US-08-346-429-3/C
Sequence 3, Application US/08346429
Patent No. 5837820
GENERAL INFORMATION:
APPLICANT: Derose, Richard
APPLICANT: Douce, Roland
APPLICANT: Duval, Manuel
APPLICANT: Job, Claudette
APPLICANT: Job, Dominique
TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN
TITLE OF INVENTION: BE USED FOR DETERMINING THE GERMINATION STAGE OF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESSES:
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,429
FILING DATE: 29-NOV-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9507
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid

STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-346-429-3

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
18 TTTT TTTT TTTT TTTT TTTT 1

RESULT 360
US-08-358-556A-12
Sequence 12, Application US/08358556A
Patent No. 5869643
GENERAL INFORMATION:
APPLICANT: Chatelet, Francois
TITLE OF INVENTION: Process for Preparing Polynucleotides on
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-358-556A-12

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
18 TTTT TTTT TTTT TTTT TTTT 18

RESULT 361
US-08-358-556A-18/C
Sequence 18, Application US/08358556A
Patent No. 5869643
GENERAL INFORMATION:
APPLICANT: Chatelet, Francois
TITLE OF INVENTION: Process for Preparing Polynucleotides on
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-358-556A-18

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
18 TTTT TTTT TTTT TTTT TTTT 1

RESULT 362
US-08-469-852A-4
Sequence 4, Application US/08469852A
Patent No. 5874213
GENERAL INFORMATION:
APPLICANT: Cummins, Lendell L.
APPLICANT: Freier, Susan M.
APPLICANT: Grifley, Richard
APPLICANT: Sivasub, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of

```

: TITLE OF INVENTION: Nucleic Acids
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5674213tris LLP
: STREET: One Liberty Place - 46th Floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: U.S.A.
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Wordperfect 6.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/469,852A
: FILING DATE: 06-JUN-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/295,509
: FILING DATE: 24-AUG-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Michael P. Straher
: REGISTRATION NUMBER: 38,325
: REFERENCE/DOCKET NUMBER: ISIS-2015
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 215-568-3100
: TELEFAX: 215-568-3439
: INFORMATION FOR SEQ ID NO: 4:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-469-852A-4

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 363
US-08-863-639A-17/c
: Sequence 17, Application US/08863639A
: Patent No. 5981185
: GENERAL INFORMATION:
: APPLICANT: Watson, Robert S.
: APPLICANT: Coassin, Peter J.
: APPLICANT: Rampal, Jang B.
: APPLICANT: Caskey, C. T.
: TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
: NUMBER OF SEQUENCES: 95
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Sheldon & Mak
: STREET: 225 South Lake Avenue, 9th Floor
: CITY: Pasadena
: STATE: CA
: COUNTRY: USA
: ZIP: 91101
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
: COMPUTER: IBM compatible
: OPERATING SYSTEM: Windows 95
: SOFTWARE: Corel Wordperfect 8 version
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/863,639A
: FILING DATE: May 28, 1997
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
```

```

: NAME: Joseph E. Muech
: REGISTRATION NUMBER: 20,532
: REFERENCE/DOCKET NUMBER: 11859-1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (626) 796-4000
: TELEFAX: (626) 795-6321
: INFORMATION FOR SEQ ID NO: 17:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: Other nucleic acid
: US-08-863-639A-17

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      7415 GCAGCAGCAGCAGCAGCA 7432
Db      18 GCAGCAGCAGCAGCAGCA 1

RESULT 364
US-08-295-509B-4
: Sequence 4, Application US/08295509B
: Patent No. 6045995
: GENERAL INFORMATION:
: APPLICANT: Cummins, Lendell L.
: APPLICANT: Freiler, Susan M.
: APPLICANT: Griffey, Richard
: APPLICANT: Sivasaba, Susan G.
: TITLE OF INVENTION: Capillary Electrophoretic Detection of
: NUCLEIC ACIDS
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995tris
: STREET: One Liberty Place - 46th Floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: U.S.A.
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Wordperfect 6.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/295,509B
: FILING DATE: 24-AUG-1994
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Michael P. Straher
: REGISTRATION NUMBER: 38,325
: REFERENCE/DOCKET NUMBER: ISIS-1395
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 215-568-3100
: TELEFAX: 215-568-3439
: INFORMATION FOR SEQ ID NO: 4:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-295-509B-4

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18
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Db 1 TTTTTTTTTTTTTTTT 18

RESULT 365
US-08-884-029-9
; Sequence 9, Application US/08884029
; Patent No. 6071745
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; APPLICANT: Wallace, Robert Bruce
; APPLICANT: Cosman, Jeffrey
; APPLICANT: French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; TITLE OF INVENTION: to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/884,029
; FILING DATE: 27-JUN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "t at positions 13-18 may be
; OTHER INFORMATION: present or absent"
US-08-884-029-9

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4481
Db 1 TTTTTTTTTTTTTTTT 18

RESULT 366
US-08-941-445A-30/c
; Sequence 30, Application US/08941445A
; Patent No. 6107060
; GENERAL INFORMATION:
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Search Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.

STREET: 5370 Manhattan Circle
CITY: Boulder
STATE: CO
COUNTRY: US
ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445A
; FILING DATE: 30-SEP-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
US-08-941-445A-30

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4481
Db 18 TTTTTTTTTTTTTTTT 1

RESULT 367
US-09-637-751A-6
; Sequence 6, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew B.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Peng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; Patent No. 6383754
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-6

Query Match 0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4468 TTTTTTTTTTTTTTGT 4485


```

; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patay
; Wallace, Robert Bruce
; Cosman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lympholization of Cultured Human Cells
; to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/125,295
; FILING DATE: 17-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/09/545,225
; FILING DATE: 07-Apr-2000
; APPLICATION NUMBER: US 08/884,029
; FILING DATE: 27-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; /note= "t at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
DB      1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 372
PCT-US94-05407-4
; Sequence 4, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
```

```

; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/061,694
; FILING DATE: 13-MAY-1993
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
PCT-US94-05407-4

Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 0; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
DB      1 UUUUUUUUUUUUUUUUUUU 18

RESULT 373
US-09-435-806-7
; Sequence 7, Application US/09435806
; Patent No. 6653458
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muchiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Guinosa, Charles J.
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4289
; CURRENT APPLICATION NUMBER: US/09/435,806
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/115,043
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/602,862
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)-(19)
; OTHER INFORMATION: n = uracil
US-09-435-806-7

Query Match      0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
DB      1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 374
US-08-487-141B-42
; Sequence 42, Application US/08487141B
; Patent No. 5683987
```

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: GENERAL INFORMATION:
: APPLICANT: Smith, Larry J.
: TITLE OF INVENTION: Therapeutic Oligonucleotides
: TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
: NUMBER OF SEQUENCES: 114
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Dann, Dorfman, Herrell and Skillman
: STREET: 1601 Market Street Suite 720
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103-2307
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/487,141B
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 536
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/379,180
: FILING DATE: 12-JUL-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Hagan, Patrick J.
: REGISTRATION NUMBER: 27,643
: REFERENCE/DOCKET NUMBER: 63082C
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (215)563-4100
: TELEFAX: (215)563-4044
: INFORMATION FOR SEQ ID NO: 42:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 26 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: not relevant
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEICAL: NO
: ANTI-SENSE: YES
: US-08-487-141B-42

Query Match 0.2% Score 16; DB 1; Length 26;
Best Local Similarity 80.8%; Pred. No. 6.6e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0.

oy 69 CGGGCGGGCGGGCGGAGCGCGGG 94
db 1 CGGCGGGCGGGCGGCGGAGCGGG 26

RESULT 375
US-08-927-561-42
: Sequence 42, Application US/08927561
: Patent No. 5874567
: GENERAL INFORMATION:
: APPLICANT: Smith, Larry J.
: TITLE OF INVENTION: Therapeutic Oligonucleotides
: TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
: NUMBER OF SEQUENCES: 114
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Dann, Dorfman, Herrell and Skillman
: STREET: 1601 Market Street Suite 720
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103-2307
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:

```

```

/ APPLICATION NUMBER: US/08/927,561
/ FILING DATE: 08-SEPT-1997
/ CLASSIFICATION: 536
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 08/487,141
/ FILING DATE: 05-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Rigaut, Kathleen D.
/ REGISTRATION NUMBER: P43,047
/ REFERENCE/DOCKET NUMBER: 63082C1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215)563-4100
/ TELEFAX: (215)563-4044
/ INFORMATION FOR SEQ ID NO: 42:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: not relevant
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHEICAL: NO
/ ANTI-SENSE: YES
/ US-08-927-561-42

Query Match 0.2% Score 18; DB 1; Length 26;
Best Local Similarity 80.8%; Pred. No. 6.6e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 69 CGGGGGCGGGCGGGCGGAGCGCGCGGG 94
||| ||||| ||||| ||| |||||
DB 1 CGGGCGGGCGGGCGGAGCGAGCCCGG 26

RESULT 376
PCT-US96-09388-42
/ Sequence 42, Application PC/TUS9609388
/ GENERAL INFORMATION:
/ APPLICANT: Smith, Larry J.
/ TITLE OF INVENTION: Therapeutic Oligonucleotides
/ TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
/ NUMBER OF SEQUENCES: 114
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dann, Dorfman, Herrell and Skillman
/ STREET: 1601 Market Street Suite 720
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103-2307
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US96/09388
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/379,180
/ FILING DATE: 12-JUL-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Reed, Janet E.
/ REGISTRATION NUMBER: 36,252
/ REFERENCE/DOCKET NUMBER: 63082C
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215)563-4100
/ TELEFAX: (215)563-4044
/ INFORMATION FOR SEQ ID NO: 42:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: not relevant

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MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-09388-42

Query Match 0.2%; Score 18; DB 1; Length 26;
Best Local Similarity 80.8%; Pred. No. 6.6e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 69 CGGGGGCGGGCGGCGGCGGCGGCGG 94
DB 1 CGGGCGGCGGCGGCGGCGGCGGCGG 26

RESULT 377
US-08-946-914-50/c
; Sequence 50, Application US/08946914
; Patent No. 6027916
; GENERAL INFORMATION:
; APPLICANT: Ni, Jian
; APPLICANT: Genetz, Reiner L.
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Galectin 8, 9, 10 and 10SV
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein, & Fox P.L.L.C.
; STREET: 1100 New York Ave., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/946,914
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,093
; FILING DATE: 09-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Steffe, Eric K.
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1488.0560001/EKS/SGW
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-946-914-50

Query Match 0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 7.2e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 27 TGGAGCTGCTGCACGGCTCCGCGCGG 52
DB 26 TGGGACCGCTGAAGGCCCGCGGCGG 1

RESULT 378
US-08-584-040-1083
; Sequence 1083, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1083:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" represents the stem II region
; OTHER INFORMATION: of an HH ribozyme.
US-08-584-040-1083

Query Match 0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 63.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 4; Mismatches 6; Indels 0; Gaps 0;

QY 1343 TCAGTCGCTGATGAAGATGCAGCT 1369
DB 1 UCUGGCTCCTGAGGAGGAGGAGGCT 27

RESULT 379
US-08-584-040-7130
; Sequence 7130, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR


```

; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELE: 67-3510
; INFORMATION FOR SEQ ID NO: 7130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" represents the stem II region
; OTHER INFORMATION: of an HH ribozyme.
; US-08-584-040-7130

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 59.3%; Pred. No. 7.2e+02;
Matches 16; Conservative 5; Mismatches 6; Indels 0; Gaps 0;

QY      1343 TCAGTCGCTGATGAGATGCCAGCT 1369
DB      1  UAGUGGCGCUGANGAAGACGACU 27

RESULT 380
; US-09-656-450-50/c
; Sequence 50, Application US/09656450
; Patent No. 6468768
; GENERAL INFORMATION:
; APPLICANT: NI, Jlan
; APPLICANT: Gentz, Reiner L.
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Gallecin 9 and 10SV Polynucleotides
; FILE REFERENCE: 1488, 0560003
; CURRENT APPLICATION NUMBER: US/09/656,450
; CURRENT FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: US 09/263,689
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: US 08/946,914
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: US 60/028,093
; PRIOR FILING DATE: 1996-10-09
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 50
; LENGTH: 27
; TYPE: DNA
```

```

; ORGANISM: synthetic construct
; US-09-656-450-50

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 7.2e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      27  TGGAGCTGCTGCACGCTCCGCGCG 52
DB      26  TGGGACCGCTGAGGCGCCGCGCG 1

RESULT 381
; US-09-422-978-9116/c
; Sequence 9116, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET, 020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9116
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-22333 for SEQ 1251, in comple
; US-09-422-978-9116

Query Match          0.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3899 GTTACTTCATGACATTTTC 3919
DB      21  GTTCTTCATGACATTTTC 1

RESULT 382
; US-08-621-914A-6
; Sequence 6, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
```

FILING DATE: 26-MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
US-08-621-914A-6

Query Match 0.2%; Score 17.8; DB 1; Length 23;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGGACTTTTCTTTTCTTTT 4479
DB 2 TCGAGTTTCTTTTCTTTT 22

RESULT 383
US-09-056-052-9
Sequence 9, Application US/09056052
Patent No. 6090556
GENERAL INFORMATION:
APPLICANT: Kato, Kikuya
TITLE OF INVENTION: Adaptor-Tagged Competitive PCR
FILE REFERENCE: 07898/026001
CURRENT APPLICATION NUMBER: US/09/056,052
CURRENT FILING DATE: 1998-04-06
EARLIER APPLICATION NUMBER: JP88495/1997
EARLIER FILING DATE: 1997-04-07
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-056-052-9

Query Match 0.2%; Score 17.8; DB 1; Length 23;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4459 TGGACTTTTCTTTTCTTTT 4479
DB 2 TCGAGTTTCTTTTCTTTT 22

RESULT 384
US-08-938-830-60/c
Sequence 60, Application US/08938830
Patent No. 6040437
GENERAL INFORMATION:
APPLICANT: Laesky, Laurence A.
APPLICANT: Dowbenko, Donald J.
TITLE OF INVENTION: Tyrosine Phosphorylated Cleavage
TITLE OF INVENTION: Tyrosine-Associated Proteins (PSTIPs)
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco

STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,830
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/798419
FILING DATE: 07-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: P1066P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-3216
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-938-830-60

Query Match 0.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 GGAAGATTTCAGATGCGG 1651
DB 22 GGAAGATGTCAGATGCGG 2

RESULT 385
US-09-688-990-2/c
Sequence 2, Application US/09688990
Patent No. 6682907
GENERAL INFORMATION:
APPLICANT: CHARNEAU, PIERRE
APPLICANT: ZENNOU, VERONIQUE
APPLICANT: FIRAT, HUSEYIN
TITLE OF INVENTION: USE OF TRIPLEX STRUCTURE DNA SEQUENCES FOR TRANSFERRING
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES
FILE REFERENCE: 03495,0199
CURRENT APPLICATION NUMBER: US/09/688,990
CURRENT FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: PCT/FR99/00974
PRIOR FILING DATE: 1999-04-23
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 24
TYPE: DNA
ORGANISM: Lentivirus
US-09-688-990-2

Query Match 0.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5476 TTTTGAATAAGTATTTT 5496
DB 22 TTTTGAATAAGTATTTT 2

RESULT 386
US-08-811-492-41/c

Sequence 41, Application US/08811492
Patent No. 5834247
GENERAL INFORMATION:
APPLICANT: COMB, DONALD G.
APPLICANT: PERLER, FRANCINE B.
APPLICANT: JACK, WILLIAM E.
APPLICANT: XU, MING-OUN
APPLICANT: HODGES, ROBERT A.
APPLICANT: NOREY, CHRISTOPHER J.
APPLICANT: CHONG, SHAOHONG S. C.
APPLICANT: ADAM, ERIC
TITLE OF INVENTION: MODIFIED PROTEINS, METHODS OF THEIR
PRODUCTION AND METHODS FOR PURIFICATION OF TARGET
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 155
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS, NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC\DOS\MS\ DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/811,492
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/580,555
FILING DATE: 29-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/496,247
FILING DATE: 28-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/146,885
FILING DATE: 03-NOV-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/004,139
FILING DATE: 09-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Gregory D
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-036C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-927-5054
TELEFAX: 509-927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-811-492-41

Query Match 0.24; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4222 TTCTCTGTGCGAATATACC 4242
DB 21 TTCCTTATGCGACATATATACC 1

RESULT 387
US-09-866-108A-13911
Sequence 13911, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13911
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-13911

Query Match 0.24; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5545 GGTGCATGCGAGTGAAGT 5565
DB 2 GGTGCATGCGAGTGAAGT 22

RESULT 388
US-09-866-108A-13912
Sequence 13912, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26

```

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13912
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13912
```

```

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 5545 GGTCGATGAGATGAGAACT 5565

Db 1 GGTCGATGAGATGAGAACT 21

```

RESULT 389
PCT-US96-10545A-41/C
; Sequence 41, Application PC/TUS9610545A
; GENERAL INFORMATION:
; APPLICANT: COMB, DONALD G.
; APPLICANT: PERLER, FRANCINE B.
; APPLICANT: JACK, WILLIAM E.
; APPLICANT: XU, MING-QUN
; APPLICANT: HOGES, ROBERT A.
; APPLICANT: NOREN, CHRISTOPHER J.
; TITLE OF INVENTION: MODIFIED PROTEINS AND METHODS OF THEIR
; TITLE OF INVENTION: PRODUCTION
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10545A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/580,555
; FILING DATE: 29-DEC-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/496,247
; FILING DATE: 28-JUN-1995
```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/146,885
; FILING DATE: 03-NOV-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/004,139
; FILING DATE: 09-DEC-1992
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-036C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US96-10545A-41
```

```

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 4222 TTCCTCTGTGAGATTAATACC 4242

Db 21 TTCCTCTATGACATTAATACC 1

```

RESULT 390
US-08-942-012B-5
; Sequence 5, Application US/08942012B
; Patent No. 6235278
; GENERAL INFORMATION:
; APPLICANT: MILLER, LOIS K.
; APPLICANT: LU, ALBERT
; APPLICANT: BIEKES, PETER
; APPLICANT: BLACK, BRUCE
; TITLE OF INVENTION: Biological Insect Control Agents Expressing
; TITLE OF INVENTION: Insect-Specific Toxin Genes, Methods and Compositions
; FILE REFERENCE: 28-96a
; CURRENT APPLICATION NUMBER: US/08/942,012B
; CURRENT FILING DATE: 1997-10-01
; PRIOR APPLICATION NUMBER: 08/729,606
; PRIOR FILING DATE: 2000-10-01
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-08-942-012B-5
```

```

Query Match          0.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 6.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 4458 ATGACTTTTATTTTATTTT 4481

Db 1 ATGACTGTATTTTATTTTATTTT 24

```

RESULT 391
US-09-596-120-18/C
; Sequence 18, Application US/09596120
; Patent No. 6517838
```

```

; GENERAL INFORMATION:
; APPLICANT: Hook, Magnus A.
; TITLE OF INVENTION: Decorin Binding Proteins Essential Peptides and Methods of Use
; FILE REFERENCE: 12740.0210.NPUS00 (TAMK:210)
; CURRENT APPLICATION NUMBER: US/09/596,120
; CURRENT FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-596-120-18

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4280 GCACCTTTCTTGCAAGTCATCT 4303
Db      24  GCAGCCTTTTGCATTGATCATCT 1

RESULT 392
US-09-596-120-19
; Sequence 19, Application US/09596120
; Patent No. 6517838
; GENERAL INFORMATION:
; APPLICANT: Hook, Magnus A.
; TITLE OF INVENTION: Decorin Binding Proteins Essential Peptides and Methods of Use
; FILE REFERENCE: 12740.0210.NPUS00 (TAMK:210)
; CURRENT APPLICATION NUMBER: US/09/596,120
; CURRENT FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-596-120-19

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4280 GCACCTTTCTTGCAAGTCATCT 4303
Db      2  GCAGCCTTTTGCATTGATCATCT 25

RESULT 393
US-07-885-970A-1
; Sequence 1, Application US/07885970A
; Patent No. 5495070
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal E.
; TITLE OF INVENTION: GENETICALLY ENGINEERING COTTON
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Quarles & Brady
; STREET: P.O. Box 2113, First Wisconsin Plaza
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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```

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/885,970A
; FILING DATE: 19920518
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/617,239
; FILING DATE: 21-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/253,243
; FILING DATE: 04-OCT-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J.
; REGISTRATION NUMBER: 27,386
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 283-2478
; TELEFAX: (608) 251-5139
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHEICAL: YES
; ANTI-SENSE: NO
US-07-885-970A-1

Query Match          0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4456 GCATGACCTTTTCTTTTCTTTT 4479
Db      3  GCTGGTACCTTTTCTTTTCTTTT 26

RESULT 394
US-08-298-687A-1
; Sequence 1, Application US/08298687A
; Patent No. 5521078
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal E.
; TITLE OF INVENTION: GENETICALLY ENGINEERING COTTON
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Quarles & Brady
; STREET: P.O. Box 2113, First Wisconsin Plaza
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/298,687A
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/617,239
; FILING DATE: 21-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/253,243
; FILING DATE: 04-OCT-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J.
; REGISTRATION NUMBER: 27,386
```

```

      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (608) 283-2478
      TELEFAX: (608) 251-5139
      INFORMATION FOR SEQ ID NO: 1:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 26 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      MOLECULE TYPE: Oligonucleotide
      HYDROTHERICAL: YES
      ANTI-SENSE: NO

```

Query Match	0.2%	Score 17.6	DB 1	Length 26
Best Local Similarity	83.3%	Pred. No. 7.8e+02		
Matches 20	Conservative	4	Mismatches	0
			Gaps	0

Qy	4456	GCATGGACTTTT	TTTTTTTTTTTT	TTTT	4479
Db	3	GCTGGTACCTTT	TTTTTTTTTTTT	TTTT	26

```

RESULT 395
US-08-241-943-1
/ Sequence 1, Application US/08241943
/ Patent No. 5602321
/ GENERAL INFORMATION:
/ APPLICANT: John, Mallyakal E.
/ TITLE OF INVENTION: TRANSGENIC COTTON PLANTS
/ NUMBER OF INVENTION: PRODUCING HETEROLOGOUS BIOPL
/ NUMBER OF SEQUENCES: 25
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Nicholas J. Seay, Charles & Brady
/ STREET: First Wisconsin Plaza, One South
/ STREET: Pinckney St.,
/ STREET: P.O. Box 2113
/ CITY: Madison
/ STATE: WI
/ COUNTRY: USA
/ ZIP: 53701-2113
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/241,943
/ FILING DATE:
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: us/07/980,521
/ FILING DATE: 20-NOV-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Seay, Nicholas J.
/ REGISTRATION NUMBER: 27,386
/ REFERENCE/DOCKET NUMBER: 11-229-9076-8
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 251-2484
/ TELEFAX: (608) 251-9166
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: peptide
/ HYPOTHEITICAL: YES
/ US-08-241-943-1

```

Query Match	0.2%	Score 17.6;	DB 1;	Length 26;
Best Local Similarity	83.3%	Pred. No. 7.8e+02;		
Matches 20; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

OY	4456	GCATGACTTTT	TTTTTTTTTTTT	T	4479
Db	3	GCTGGTACCTTTT	TTTTTTTTTTTT	T	26

```

US-08-376-588-1
US-08-376-588-1
US-08-376-588-1
Sequence 1, Application US/093795588
Patent No. 5608148
GENERAL INFORMATION:
APPLICANT: John, Maliyakkal E.
TITLE OF INVENTION: TRANSGENIC COTTON PLANTS
TITLE OF INVENTION: PRODUCING HETEROLOGOUS PEROXIDASEE
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nicholas J. Seay, Quaries & Brady
STREET: First Wisconsin Plaza, One South
STREET: Pinckney St.,
STREET: P.O. Box 2113
CITY: Madison
STATE: WI
COUNTRY: USA
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/Ms-DOS
SOFTWARE: Patencln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,588
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMENTATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 11-229-9101-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 251-2484
TELEFAX: (608) 251-9166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
HYPOTHETICAL: YES
US-08-378-588-1
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Query Match	0.2%	Score 17.6;	DB 1;	Length 26;
Best Local Similarity	83.3%;	Pred. No. 7.8e+02;		
Matches 20; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

Oy	4456 GCATGGACTTTTTTTTTTTTTTTT	4479
Dδ	3 GCTGGTACCTTTTTTTTTTTTTT	26

RESULT 397
US-08-298-829-1
Sequence 1, Application US/08298829
Patent No. 5620882
GENERAL INFORMATION:
APPLICANT: John, Maliyaka! E.
TITLE OF INVENTION: GENETICALLY ENGINEERING COTTON
TITLE OF INVENTION: PLANTS FOR ALTERED FIBER
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nicholas J. Seay, Quarles & Brady
SREER: P. O. Box 2113, First Wisconsin Plaza
CITY: Madison
STATE: Wisconsin

COUNTRY: USA
ZIP: 53701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/298,829
FILING DATE: 19-OCT-1994
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/885,970
FILING DATE: 18-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/617,239
FILING DATE: 21-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/253,243
FILING DATE: 04-OCT-1988
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27,386
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 251-5139
TELEFAX: (608) 251-5139
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: YES
ANTI-SENSE: NO
US-08-298-829-1

Query Match 0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4456 GCATGACCTTTTCTTTTCTTTT 4479
Db 3 GCTGTACTTTTCTTTTCTTTT 26

RESULT 398
US-08-811-094-1
Sequence 1, Application US/08811094
Patent No. 5869720
GENERAL INFORMATION:
APPLICANT: John, Maliyakal E.
TITLE OF INVENTION: TRANSGENIC COTTON PLANTS
TITLE OF INVENTION: PRODUCING HETEROLOGOUS PEROXIDASE
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nicholas J. Seay, Charles & Brady
STREET: First Wisconsin Plaza, One South
STREET: Pinckney St.,
STREET: P.O. Box 2113
CITY: Madison
STATE: WI
COUNTRY: USA
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/811,094
FILING DATE: 03-MAR-1997
CLASSIFICATION: 800

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/378,588
FILING DATE: 25-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 11-229-9101-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 251-2484
TELEFAX: (608) 251-9166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: YES
US-08-811-094-1

Query Match 0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4456 GCATGACCTTTTCTTTTCTTTT 4479
Db 3 GCTGTACTTTTCTTTTCTTTT 26

RESULT 399
US-08-467-504-10
Sequence 10, Application US/08467504
Patent No. 6211430
GENERAL INFORMATION:
APPLICANT: John, Maliyakal E.
TITLE OF INVENTION: PLATE PROMOTER
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Charles & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
STATE: WI
COUNTRY: U.S.A.
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,504
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Baker, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 110229-91152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 271-5709
TELEFAX: (414) 271-3552
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other Nucleic Acid
US-08-467-504-10

Query Match 0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4456 GCATGACCTTTT 4479
Db 3 GCTGATCCTTTT 26

RESULT 400
US-09-679-263-13
; Sequence 13, Application US/09679263
; Patent No. 660091
; GENERAL INFORMATION:
; APPLICANT: Mok, David
; TITLE OF INVENTION: Enzymes Responsible for the Metabolism of Zeatin
; FILE REFERENCE: 51524
; CURRENT APPLICATION NUMBER: US/09/679,263
; PRIORITY FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: 60/080852
; PRIORITY FILING DATE: 1998-04-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 13
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-679-263-13

Query Match 0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 6039 CTTGAGCTGTTCTCTCATTCG 6062
Db 1 CATGAGATGGCTTCTTCATTCG 24

RESULT 401
PCT-US94-11121-1
; Sequence 1, Application PC/TUS9411121
; GENERAL INFORMATION:
; APPLICANT: John, Malyakal E.
; TITLE OF INVENTION: TRANSGENIC COTTON PLANTS
; NUMBER OF INVENTION: PRODUCING HETEROLOGOUS PEROXIDASE
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nicholas J. Seay, Charles & Brady
; STREET: First Wisconsin Plaza, One South
; STREET: Pinckney St.,
; STREET: P.O. Box 2113
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53701-2113
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/11121
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J.
; REGISTRATION NUMBER: 27,386
; REFERENCE/DOCKET NUMBER: 11-229-9076-8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 251-2484
; TELEFAX: (608) 251-9166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: YES
PCT-US94-11121-1

Query Match 0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4456 GCATGACCTTTT 4479
Db 3 GCTGATCCTTTT 26

RESULT 402
US-08-985-162-999
; Sequence 999, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 999:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" stands for the stem
; OTHER INFORMATION: IT region of a HA ribozyme.
US-08-985-162-999

Query Match 0.2%; Score 17.6; DB 1; Length 27;
Best Local Similarity 52.0%; Pred. No. 8.4e+02;
Matches 13; Conservative 7; Mismatches 5; Indels 0; Gaps 0;
QY 5812 CTGCTATGTGATGATGAATCTCT 5836

Db 1 CCGGUAUCUGAUGANGAAAUUCU 25

RESULT 403
US-09-126-280-17
Sequence 17, Application US/09126280
Patent No. 6103524
GENERAL INFORMATION:
APPLICANT: Wu, Su
APPLICANT: Belagaje, Rama M
TITLE OF INVENTION: Metabotropic Glutamate Receptor Protein and Nucleic
TITLE OF INVENTION: Acid
FILE REFERENCE: Sequence List
Patent No. 6103524
CURRENT APPLICATION NUMBER: US/09/126,280
CURRENT FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-126-280-17

Query Match 0.2%; Score 17.6; DB 1; Length 27;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 364 GACGCTACCACTACGAGTGCAC 387
Db 4 GACGCTACCACTACGAGTGCAC 27

RESULT 404
US-08-584-040-310
Sequence 310, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 310:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
OTHER INFORMATION: The letter "N" represents the stem II region
US-08-584-040-310

Query Match 0.2%; Score 17.6; DB 1; Length 27;
Best Local Similarity 68.0%; Pred. No. 8.4e+02;
Matches 17; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 1345 AGTGCCTGATGAAGATGCCAGCT 1369
Db 3 AGTGCCTGATGAAGATGCCAUCU 27

RESULT 405
US-08-584-040-3684/c
Sequence 3684, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3684:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" represents the stem II region
; OTHER INFORMATION: of an HH ribozyme.
US-08-584-040-3684

Query Match          0.2%; Score 17.6; DB 1; Length 27;
Best Local Similarity 80.0%; Pred. No. 8.4e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4627 GGGAGTTGCACTTCACTGTCGAT 4651
Db      25 GGGAGTTTCNTCATCATGTGGCAT 1

RESULT 406
US-09-401-063-999
; Sequence 999, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhear, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: PafSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 999:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; OTHER INFORMATION: The letter "N" stands for the stem
; OTHER INFORMATION: II region of a HH ribozyme.
US-09-401-063-999
```

```

Query Match          0.2%; Score 17.6; DB 1; Length 27;
Best Local Similarity 52.0%; Pred. No. 8.4e+02;
Matches 13; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY      5812 CTGCCTATGTGATGATGAATCTCT 5836
Db      1 CCGCGUAGUGAUGAAGAAUUTUCU 25

RESULT 407
US-09-306-290-25/c
; Sequence 25, Application US/09306290
; Patent No. 6221635
; GENERAL INFORMATION:
; APPLICANT: Rovera, Giovanni
; APPLICANT: Makhopadhyay, Sunil
; TITLE OF INVENTION: METHODS FOR SOLID-PHASE AMPLIFICATION OF DNA TEMPLATE
; TITLE OF INVENTION: (SPADT) USING MULTIBARRAYS
; FILE REFERENCE: 09924-10
; CURRENT APPLICATION NUMBER: US/09/306,290
; CURRENT FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 25
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer p41
; OTHER INFORMATION: FH373
US-09-306-290-25

Query Match          0.2%; Score 17.6; DB 1; Length 40;
Best Local Similarity 65.0%; Pred. No. 1.6e+03;
Matches 26; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY      3992 AACAAAAACTTGGTCTAAATGAGAAAAAGAGA 4031
Db      40 ACCAAACCCTCGTATATGAAAAAAGAAAAA 1

RESULT 408
US-08-410-540-5
; Sequence 5, Application US/08410540
; Patent No. 5807678
; GENERAL INFORMATION:
; APPLICANT: Miller, Walter L.
; APPLICANT: Lin, Dong
; APPLICANT: Straus III, Jerome F.
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,540
; FILING DATE: 23-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-238/00US
```

```
TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415 853 5070
: TELEFAX: 415 857 0663
: TELEX: 380816COOLEIPA
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 19 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (synthetic)
: HYPOTHEITICAL: NO
: ANTI-SENSE: NO
US-08-410-540-5

Query Match          0.2%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCAG 7433
Db      1 GCAGCAGCAGCAGCAGCAG 19

RESULT 409
US-07-912-900-20
: Sequence 20, Application US/07912900
: Patent No. 5349125
: GENERAL INFORMATION:
: APPLICANT: Holton, Timothy A.
: APPLICANT: Cornish, Edwina C.
: APPLICANT: Kovacic, Filipa
: APPLICANT: Tanaka, Yoshikazu
: APPLICANT: Lester, Diane R.
: TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
: TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
: NUMBER OF SEQUENCES: 29
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Scully, Scott, Murphy & Presser
: STREET: 400 Garden City Plaza
: CITY: Garden City
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 11530
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/912,900
: FILING DATE: 19920713
: CLASSIFICATION: 800
: ATTORNEY/AGENT INFORMATION:
: NAME: DiGiullo, Frank S.
: REGISTRATION NUMBER: 31,346
: REFERENCE/DOCKET NUMBER: 8633
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (516) 742-4343
: TELEFAX: (516) 742-4366
: TELEX: 230 901 SANS UR
: INFORMATION FOR SEQ ID NO: 20:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 20 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
US-07-912-900-20

Query Match          0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4466 TTTT TTTT TTTT TTTT TTTT G 4484
Db      1 TTTT TTTT TTTT TTTT TTTT AG 19

RESULT 410
US-08-285-309-20
: Sequence 20, Application US/08285309
: Patent No. 5569832
: GENERAL INFORMATION:
: APPLICANT: Holton, Timothy A.
: APPLICANT: Cornish, Edwina C.
: APPLICANT: Kovacic, Filipa
: APPLICANT: Tanaka, Yoshikazu
: APPLICANT: Lester, Diane R.
: TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3,5'-
: TITLE OF INVENTION: HYDROXYLASE AND USES
: NUMBER OF SEQUENCES: 29
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Scully, Scott, Murphy & Presser
: STREET: 400 Garden City Plaza
: CITY: Garden City
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 11530
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/285,309
: FILING DATE: 03-AUG-1994
: CLASSIFICATION: 800
: ATTORNEY/AGENT INFORMATION:
: NAME: DiGiullo, Frank S.
: REGISTRATION NUMBER: 31,346
: REFERENCE/DOCKET NUMBER: 86332
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (516) 742-4343
: TELEFAX: (516) 742-4366
: TELEX: 230 901 SANS UR
: INFORMATION FOR SEQ ID NO: 20:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 20 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
US-08-285-309-20

Query Match          0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4466 TTTT TTTT TTTT TTTT TTTT G 4484
Db      1 TTTT TTTT TTTT TTTT TTTT AG 19

RESULT 411
US-08-313-075A-11
: Sequence 11, Application US/08313075A
: Patent No. 5639870
: GENERAL INFORMATION:
: APPLICANT: Holton, Timothy A.
: APPLICANT: Cornish, Edwina C.
: APPLICANT: Tanaka, Yoshikazu
: APPLICANT: Lester, Diane R.
: TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
: TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
: NUMBER OF SEQUENCES: 58
: CORRESPONDENCE ADDRESS:
```

ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,075A
FILING DATE: 30-NOV-1994
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL 1538/92
FILING DATE: 27-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL 6698/93
FILING DATE: 07-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PCT/AU93/00127
FILING DATE: 25-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Digiglo, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9433
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-313-075A-11

Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4466 TTTTTTTTTTTTTTTG 4484
DB 1 TTTTTTTTTTTTTTTAG 19

RESULT 412
US-08-502-046-20
Sequence 20, Application US/08502046
Patent No. 5861487
GENERAL INFORMATION:
APPLICANT: Holton, Timothy A.
APPLICANT: Cornish, Edwin C.
APPLICANT: Kovacic, Filipa
APPLICANT: Tanaka, Yoshikazu
APPLICANT: Lester, Diane R.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3.5'-
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,046
FILING DATE: 14-JUL-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/285,309
FILING DATE: 03-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Digiglo, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8633Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-502-046-20

Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4466 TTTTTTTTTTTTTTTG 4484
DB 1 TTTTTTTTTTTTTTTAG 19

RESULT 413
US-08-927-219-56
Sequence 56, Application US/08927219
Patent No. 6187533
GENERAL INFORMATION:
APPLICANT: Bell, Graeme I.
APPLICANT: Yamagata, Kazuya
APPLICANT: Oda, Naohisa
APPLICANT: Katsaki, Pamela J.
APPLICANT: Furuta, Hiroto
APPLICANT: Horikawa, Yukio
APPLICANT: Menzel, Stephen
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,219
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,679
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-OCT-1996

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-56

Query Match 0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5017 GGGCTCTGGAGAGGAGG 5035
Db 1 GGGCACTGGAGAGGAGG 19

RESULT 414
US-08-621-914A-5
; Sequence 5, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-5

Query Match 0.2%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 6.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTT 4481
Db 4 CTGTTTCTTTTCTTTTCTTTT 22

RESULT 415
US-09-056-052-8
; Sequence 8, Application US/09056052
; Patent No. 6090556
; GENERAL INFORMATION:
; APPLICANT: Kato, Kikuya
; TITLE OF INVENTION: Adaptor-Tagged Competitive PCR
; FILE REFERENCE: 07698/026001
; CURRENT APPLICATION NUMBER: US/09/056,052
; CURRENT FILING DATE: 1998-04-06
; EARLIER APPLICATION NUMBER: JP8495/1997
; EARLIER FILING DATE: 1997-04-07
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-056-052-8

Query Match 0.2%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 6.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTT 4481
Db 4 CTGTTTCTTTTCTTTTCTTTT 22

RESULT 416
US-09-475-947A-153/C
; Sequence 153, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 153
; LENGTH: 27
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-153

Query Match 0.2%; Score 17.4; DB 1; Length 27;
Best Local Similarity 77.8%; Pred. No. 9.1e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4013 AAATGAGAAAAAGAGAAAAACAAA 4039
Db 27 AAATGAGAAAAAGAGAAAAACAAA 1

RESULT 417
US-08-173-489C-20/C
; Sequence 20, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA

TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Nordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelsman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION: 708-1880
TELEPHONE: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 35 bases
TYPE: Nucleic Acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from n-myc
HYPOTHETICAL: Yes
ANTI-SENSE: No
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 20 :FROM 1 TO 35
US-08-173-489C-20
Query Match 0.2%; Score 17.4; DB 1; Length 35;
Best Local Similarity 77.8%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 4013 AAATGAGAAAAAGAGAGAAAAACAAA 4039
DB 35 AAAAGACAGAAAAAGAAAAA 9
RESULT 418
US-09-130-079-1/c
Sequence 1, Application US/09130079
Patent No. 6270966
GENERAL INFORMATION:
APPLICANT: The United States of America, as represented by the
APPLICANT: Secretary, Department of Health and Human Services
TITLE OF INVENTION: RESTRICTION DISPLAY (RD-PCR) OF DIFFERENTIALLY EXPRESS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobb, Martens, Olson & Bear
STREET: 620 Newport Center Drive, 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/130,079
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/011/379
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kirkpatrick, Anita M
REGISTRATION NUMBER: 32,617
REFERENCE/DOCKET NUMBER: NIH108.001VPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
TELEFAX: 619-235-0176
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: mRNA
US-09-130-079-1
Query Match 0.2%; Score 17.2; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.9e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 4467 TTTTGTGTTTTTTTGTG 4484
DB 19 TTTTGTGTTTTTTTGTG 2
RESULT 419
US-09-078-871A-3/c
Sequence 3, Application US/09078871A
Patent No. 6452065
GENERAL INFORMATION:
APPLICANT: Zheng, et al.
TITLE OF INVENTION: Transgenic Animal Expressing
No. 6452065-Native Wild-Type and Familial
Alzheimer's Disease Mutant
Presenilin 1 Protein on Native
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/078,871A
FILING DATE: 14-May-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US98/09709
FILING DATE: 13-MAY-1998
APPLICATION NUMBER: 60/046,488
FILING DATE: 14-MAY-1997
APPLICATION NUMBER: 60/078,465
FILING DATE: 18-MAR-1998
ATTORNEY/AGENT INFORMATION:
NAME: Yablonsky, Michael D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19954Y
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720
TELEX: <unknown>
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-078-871A-3

Query Match 0.2%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. NO. 6.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2907 CTGTTTCCTTCTATAGAGCTG 2928
DB 22 CTGTTTCCTTCTATAGAGCTG 1

RESULT 420
US-09-629-222A-7/c
Sequence 7, Application US/09629222A
Patent No. 6599700
GENERAL INFORMATION:
APPLICANT: Bellacosa, Alfonso
TITLE OF INVENTION: Methods for Detection of Transition
FILE REFERENCE: FCCC 96-21
CURRENT APPLICATION NUMBER: US/09/629,222A
PRIOR APPLICATION NUMBER: 2000-07-31
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: PCT/US98/15828
PRIOR FILING DATE: 1998-07-28
PRIOR APPLICATION NUMBER: 60/053,936
PRIOR FILING DATE: 1997-07-28
NUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 7
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-629-222A-7

Query Match 0.2%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. NO. 6.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1099 CTGAGAGTGACAGACTGTG 1120
DB 22 CCGAGAGTGACAGACTGTG 1

RESULT 421
US-08-621-914A-4
Sequence 4, Application US/08621914A
Patent No. 5707807
GENERAL INFORMATION:
APPLICANT: KATO, KIKUYA
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
CITY: NEW YORK
STATE: NY
COUNTRY: USA
ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,914A
FILING DATE: 26-MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
US-08-621-914A-4

Query Match 0.2%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. NO. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTTTT 4481
DB 1 GGACTTTTTTTTTTTTTTTT 22

RESULT 422
US-07-869-933-7/c
Sequence 7, Application US/07869933
Patent No. 5770396
GENERAL INFORMATION:
APPLICANT: KINET, Jean-Pierre
TITLE OF INVENTION: ISOLATION, CHARACTERIZATION, AND USE OF
TITLE OF INVENTION: THE HUMAN B SUBUNIT OF THE HIGH AFFINITY RECEPTOR FOR
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/869,933
FILING DATE: 19920416
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 40399/154 NIHD
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: NUCLEIC ACID

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-356-750-9

Query Match 0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4460 GGAATGTCCTGATCCGCACA 7279
Db 3 GGCGCGCTTTTCTTTTCTTTT 24

RESULT 427
US-09-360-545-100/c
Sequence 100, Application US/09360545
Patent No. 6429014
GENERAL INFORMATION:
APPLICANT: Croceanu, Rodney B
APPLICANT: Bohmann, Jorg
APPLICANT: Steele, Christopher L
APPLICANT: Phillips, Michael A
TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)
FILE REFERENCE: wau13885
CURRENT APPLICATION NUMBER: US/09/360,545
EARLIER FILING DATE: 1999-07-26
EARLIER APPLICATION NUMBER: 60/052,249
EARLIER FILING DATE: 1997-11-07
EARLIER APPLICATION NUMBER: PCT/US98/14528
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 100
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(24)
OTHER INFORMATION: Mutagenesis primer 3elBamHI
US-09-360-545-100

Query Match 0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7258 GAAATGTCCTGATCCGCACA 7279
Db 24 GAAATGTCATGATGCCCAA 3

RESULT 428
US-09-360-545-101
Sequence 101, Application US/09360545
Patent No. 6429014
GENERAL INFORMATION:
APPLICANT: Croceanu, Rodney B
APPLICANT: Bohmann, Jorg
APPLICANT: Steele, Christopher L
APPLICANT: Phillips, Michael A
TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)
FILE REFERENCE: wau13885
CURRENT APPLICATION NUMBER: US/09/360,545
EARLIER FILING DATE: 1999-07-26
EARLIER APPLICATION NUMBER: 60/052,249
EARLIER FILING DATE: 1997-11-07
EARLIER APPLICATION NUMBER: PCT/US98/14528
NUMBER OF SEQ ID NOS: 107

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 101
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(24)
OTHER INFORMATION: Mutagenesis primer 3elBamHI
US-09-360-545-101

Query Match 0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7258 GAAATGTCCTGATCCGCACA 7279
Db 1 GAAATGTCATGATGCCCAA 22

RESULT 429
US-09-496-632C-11
Sequence 11, Application US/09496632C
Patent No. 6468789
GENERAL INFORMATION:
APPLICANT: BAYSAL, Bora E.
APPLICANT: FERRELL, Robert E.
APPLICANT: DEVLIN, Bernie J.
APPLICANT: WILLETT-BROZICK, Joan E.
TITLE OF INVENTION: OXYGEN SENSING AND HYPOXIC SELECTION FOR TUMORS
FILE REFERENCE: 99-484-US
CURRENT APPLICATION NUMBER: US/09/496,632C
CURRENT FILING DATE: 2000-02-02
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-09-496-632C-11

Query Match 0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6064 TTTTCTAATCTGATCTTTT 6085
Db 2 TTTATGATCTGATCTTTT 23

RESULT 430
US-09-496-632C-12
Sequence 12, Application US/09496632C
Patent No. 6468789
GENERAL INFORMATION:
APPLICANT: BAYSAL, Bora E.
APPLICANT: FERRELL, Robert E.
APPLICANT: DEVLIN, Bernie J.
APPLICANT: WILLETT-BROZICK, Joan E.
TITLE OF INVENTION: OXYGEN SENSING AND HYPOXIC SELECTION FOR TUMORS
FILE REFERENCE: 99-484-US
CURRENT APPLICATION NUMBER: US/09/496,632C
CURRENT FILING DATE: 2000-02-02
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-09-496-632C-12

Query Match 0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6064 TTTTCTAATCTGTTCTTTT 6085
DB 2 TTTTATGATCTGTCTTTT 23

RESULT 431
US-09-380-420C-11
Sequence 11, Application US/09380420C
Patent No. 6300544
GENERAL INFORMATION:
APPLICANT: Halkier, Barbara
Bak, Soren
Kahn, Rachel
Moller, Birger
TITLE OF INVENTION: Cytochrome P450 Monooxygenases
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Syngenta Patent Dept.
STREET: 3054 Cornwallis Road
CITY: RTP
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/380,420C
FILING DATE: 12-No. 6300544-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-21251A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8587
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-380-420C-11

Query Match 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 8.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTT 4481
DB 3 GGATCCTTTTCTTTTCTTTT 24

RESULT 432
US-09-899-642A-11
Sequence 11, Application US/09899642A
Patent No. 6649814
GENERAL INFORMATION:
APPLICANT: Halkier, Barbara
Bak, Soren
Kahn, Rachel
Moller, Birger
TITLE OF INVENTION: Cytochrome P450 Monooxygenases
NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:
ADDRESSEE: Syngenta Patent Dept.
STREET: 3054 Cornwallis Road
CITY: RTP
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,642A
FILING DATE: 05-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/380,420
FILING DATE: 12-No. 6649814-1999
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-21251A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8587
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-899-642A-11

Query Match 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 8.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTCTTTTCTTTT 4481
DB 3 GGATCCTTTTCTTTTCTTTT 24

RESULT 433
US-09-866-108A-13906
Sequence 13906, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13906
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-13906

Query Match 0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 8.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5542 GGTGGTCATGCATGAGAA 5563
DB 4 GCGGTCATGCATGAGCTGAGAA 25

RESULT 434
US-08-632-575B-7
Sequence 7, Application US/08632575B
Patent No. 5843660
GENERAL INFORMATION:
APPLICANT: Schumm, James W.
TITLE OF INVENTION: Multiplex Amplification of
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESS: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
COMPUTER: IBM compatible PC
OPERATING SYSTEM: DOS, version 6.0
SOFTWARE: WordPerfect 5.1 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/632,575B
FILING DATE: 04/15/96
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/316,544
FILING DATE: 09/30/94
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 26
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
POSITION IN GENOME:
MAP POSITION: D3S1539
US-08-632-575B-7

Query Match 0.2%; Score 17.2; DB 1; Length 26;
Best Local Similarity 86.4%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5329 TCTCTTGGCTCATCTCTCA 5350
DB 1 TCTCTTGCATTAATCTCTCA 22

RESULT 435
US-08-747-536-17
Sequence 17, Application US/08747536
Patent No. 5968737
GENERAL INFORMATION:
APPLICANT: Ali-Osman, Francis
APPLICANT: Lopez-Berestein, Gabriel
APPLICANT: Buolamwini, John
APPLICANT: Antoun, Gamil
APPLICANT: Lo, Hui-Wen
APPLICANT: Keller, Charles
TITLE OF INVENTION: GLUTATHIONE S-TRANSFERASE (GST) GENES IN
TITLE OF INVENTION: CANCER
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESS: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/747,536
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UTXC:492
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-747-536-17

Query Match 0.2%; Score 17.2; DB 1; Length 26;
Best Local Similarity 86.4%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2655 CTTGGTGACAGAGCATGAC 2676
DB 5 CTTGGTGACATGATGATGAC 26

RESULT 436
US-09-199-542B-7
Sequence 7, Application US/09199542B
Patent No. 6479235
GENERAL INFORMATION:
APPLICANT: Schumm, James W.
APPLICANT: Sprecher, Cynthia J.
TITLE OF INVENTION: Multiplex Amplification of Short Tandem Repeat Loci
FILE REFERENCE: 16026/9212
CURRENT APPLICATION NUMBER: US/09/199,542B
CURRENT FILING DATE: 1998-11-25
PRIOR APPLICATION NUMBER: US 08/316,544
PRIOR FILING DATE: 1994-09-30
PRIOR APPLICATION NUMBER: US 08/632,575
PRIOR FILING DATE: 1996-04-15
NUMBER OF SEQ ID NOS: 110
SOFTWARE: Word97 (converted to DOS text format)
SEQ ID NO 7

```

; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapien
; LOCATION: D3S1539
US-09-199-542B-7

Query Match
Best Local Similarity 86.4%; Pred. No. 9.2e+02; Length 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5329 TCTCTTTCCTCACTCTCTCCA 5350
Db 1 TCTCTTCATCTACTCTCTCCA 22

RESULT 437
US-09-725-265-11/c
; Sequence 11, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIY
; CURRENT APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-11

Query Match
Best Local Similarity 73.3%; Pred. No. 1.2e+03; Length 30;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGTTATTT 4047
Db 30 AAAAAAAAAAGAAAAAAATATATATAT 1

RESULT 438
US-09-725-265-13/c
; Sequence 13, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIY
; CURRENT APPLICATION NUMBER: US/09/725,265
```

```

; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-13

Query Match
Best Local Similarity 73.3%; Pred. No. 1.2e+03; Length 30;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGTTATTT 4047
Db 30 AAAAAAAAAAGAAAAAAATATATATAT 1

RESULT 439
US-09-061-026-26/c
; Sequence 26, Application US/09061026
; Patent No. 6077934
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Olivera, Baldomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rotwell, Figg, Ernst & Kurtz, P.C.
; STREET: 755 Thirteenth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,026
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/068,737
; FILING DATE: 24-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2314-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-061-026-26

Query Match
Best Local Similarity 73.3%; Pred. No. 1.4e+03; Length 33;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
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Oy 4012 AAAATGAGAAAAAGAGAAAAACAAATG 4041
||| | ||| | ||| | ||| | ||| |
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAAG 3

RESULT 440
US-09-466-138-26/c
; Sequence 26, Application US/09466138
; Patent No. 6153738
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Olvera, Baldomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.-E
; STREET: 755 Thirteenth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/466,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,026
; FILING DATE:
; APPLICATION NUMBER: US 60/068,737
; FILING DATE: 24-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2314-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6031
; TELEFAX: 202-783-6040
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-09-466-138-26

Query Match 0.2%; Score 17.2; DB 1; Length 33;
Best Local Similarity 73.3%; Pred. No. 1.4e+03;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Oy 4012 AAAATGAGAAAAAGAGAAAAACAAATG 4041
||| | ||| | ||| | ||| | ||| |
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAAG 3

RESULT 441
US-08-851-843A-132
; Sequence 132, Application US/08851843A
; Patent No. 6093809
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.

; TITLE OF INVENTION: No. 6093809e1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-851-843A-132

Query Match 0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 4464 TTTT TTTT TTTT TTTT TTTT 4480
||| | ||| | ||| | ||| | ||| |
Db 1 TTTT TTTT TTTT TTTT 17

RESULT 442
US-09-250-075-5
; Sequence 5, Application US/09250075
; Patent No. 6207819
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of
; FILE REFERENCE: ISIS3299
; CURRENT APPLICATION NUMBER: US/09/250,075
; CURRENT FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

QY 4464 TTTT TTTT TTTT TTTT 4480
DB 1 TTTT TTTT TTTT TTTT 17

RESULT 445
US-08-584-040-2549
; Sequence 2549, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: MCSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2549:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2549

Query Match 0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 4.2e+02;
Matches 2; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTT TTTT TTTT TTTT 4478
DB 1 ACTUUUUUUUUUUUUUU 17

RESULT 446
US-08-584-040-2550
; Sequence 2550, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela

APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2550:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2550

Query Match 0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 4.2e+02;
Matches 1; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTT TTTT TTTT TTTT 4479
DB 1 CUUUUUUUUUUUUUUU 17

RESULT 447
US-09-619-103-23/c
; Sequence 23, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; APPLICATION NUMBER: 60/145,834
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Faastsq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 17

```
;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-23

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4480
Db 17 TTTT TTTT TTTT TTTT TTTT 1

RESULT 448
US-09-726-096A-5
; Sequence 5, Application US/09726096A
; Patent No. 6462184
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; FILE REFERENCE: ISI4528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc.feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorochiacte
; OTHER INFORMATION: Internucleoside linkage
US-09-726-096A-5

Query Match
Best Local Similarity 100.0%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4480
Db 1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 449
US-09-371-772B-1073
; Sequence 1073, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073

;
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1073

Query Match
Best Local Similarity 11.8%; Score 17; DB 1; Length 17;
Matches 2; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTT TTTT TTTT TTTT 4478
Db 1 ACUUUUUUUUUUUUUUUU 17

RESULT 450
US-09-371-772B-1074
; Sequence 1074, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1074

Query Match
Best Local Similarity 5.9%; Score 17; DB 1; Length 17;
Matches 1; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTT TTTT TTTT TTTT TTTT 4479
Db 1 CUUUUUUUUUUUUUUUUU 17

RESULT 451
US-09-637-751A-5
; Sequence 5, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6383754
; FILE REFERENCE: AGU 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
```


US-09-637-751A-5

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Query Match      0.24; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Qy	4468		4484
Db	1		17

RESULT 452
US-08-973-857-6

```

Query Match      0.2% Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy	4464	T T T T T T T T T T T T T T T T T T	4480
Db	1	T T T T T T T T T T T T T T T T T T	17

RESULT 453

US-09-198-452A-3717/c
; Sequence 3717, Application US/09198452A

Query Match Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	5990	CTTGTGTGAAGTCAGGA	6006
Db	19	CTTGTGTGAAGTCAGGA	3

RESULT 454
 US-08-704-966-7
 Sequence 7, Application US/08704966
 Patent No. 6013523
 GENERAL INFORMATION:
 APPLICANT: Adang, Michael J.
 APPLICANT: Rocheleau, Thomas A.
 APPLICANT: Merlo, Donald
 APPLICANT: Murray, Elizabeth E.
 TITLE OF INVENTION: Synthetic Insecticidal Crystal Protein
 TITLE OF INVENTION: Gene
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
 STREET: 1000 Legion Place, Suite 1750
 CITY: Orlando
 STATE: Florida
 COUNTRY: USA
 ZIP: 32801
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/704,966
 FILING DATE: 29-AUG-1996
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/369,839
 FILING DATE: 06-JAN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/057,191
 FILING DATE: 03-MAY-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/827,844
 FILING DATE: 28-JAN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/242,482
 FILING DATE: 09-SEP-1988
 ATTORNEY/AGENT INFORMATION:
 NAME: Lloyd, Jeff
 REGISTRATION NUMBER: 35,589
 REFERENCE/DOCKET NUMBER: MPS 8-88APD3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 407-426-7500

```
TELEFAX: 407-839-8589
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-704-966-7

Query Match      0.2%; Score 17; DB 1; Length 21;
Best Local Similarity 70.6%; Pred. No. 6.6e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      4468 TTTT TTTT TTTT TTTT TTTG 4484
DB      1 TTTT TTTT TTTT TTTT TTTG 17

RESULT 455
US-08-705-438-7
; Sequence 7, Application US/08705438
; Patent No. 6015891
; GENERAL INFORMATION:
; APPLICANT: Adang, Michael J.
; APPLICANT: Rocheleau, Thomas A.
; APPLICANT: Murray, Donald E.
; TITLE OF INVENTION: Synthetic Insecticidal Crystal Protein
; TITLE OF INVENTION: Gene
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 1000 Legion Place, Suite 1750
; CITY: Orlando
; STATE: Florida
; COUNTRY: USA
; ZIP: 32801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,438
; FILING DATE: 29-AUG-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/369,839
; FILING DATE: 06-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/057,191
; FILING DATE: 03-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,844
; FILING DATE: 28-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/242,482
; FILING DATE: 09-SEP-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; REGISTRATION NUMBER: 35,589
; REFERENCE/DOCKET NUMBER: MPS 8-88APD4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 407-426-7500
; TELEFAX: 407-839-8589
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
```

```
US-08-705-438-7

Query Match      0.2%; Score 17; DB 1; Length 21;
Best Local Similarity 70.6%; Pred. No. 6.6e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      4468 TTTT TTTT TTTT TTTT TTTG 4484
DB      1 TTTT TTTT TTTT TTTT TTTG 17

RESULT 456
US-09-866-108A-5298
; Sequence 5298, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: JI, Yonggang
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5298
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5298

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      2523 CCGTTT CACAGCAGATGAGCTCCAG 2547
DB      1 CCGCAT CACAGCTGCTCAGCTCCAG 25

RESULT 457
US-09-866-108A-5299
; Sequence 5299, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
```

```

; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5299
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5299

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      2524 CGTTTCACGACGATGAGCTCCACA 2548
Db      1 CGCATCACGCTGCTGCTCCACA 25

RESULT 458
US-09-866-108A-12696
; Sequence 12696, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12696
; LENGTH: 25
; TYPE: DNA
US-09-866-108A-12696

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      7413 CAGCAGCAGCAGCAGCAGCAGCACA 7437
Db      1 CAGCTTCAGCAGCAGCTGAAGCAA 25

RESULT 459
US-09-866-108A-12697
; Sequence 12697, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
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```
; ORGANISM: Homo sapiens
US-09-866-108A-12697

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCAGCA 7438
Db      1 AGCTTCAGCAGCAGCTGAGCAGCA 25

RESULT 460
US-09-866-108A-13467/C
; Sequence 13467 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13467
; TYPE: DNA
; LENGTH: 25
; ORGANISM: Homo sapiens
US-09-866-108A-13467

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1749 GCTGCAGCTCATATTTGTCTATCCCTG 1773
Db      25 GCATCAGCTCATTCAGTCACTCTCG 1

RESULT 461
US-08-291-011-10
; Sequence 10 Application US/08291011
; Patent No. 5936079
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.
```

```
; APPLICANT: Cook, Julia
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
; TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
; TITLE OF INVENTION: P53 PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,011
; FILING DATE: 15-AUG-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: DIGILIO, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8515ZY
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-291-011-10

Query Match      0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTTCTCT 4487
Db      2 CCTTTTCTCTTTTCTTTCTTCT 26

RESULT 462
US-09-282-147-1
; Sequence 1 Application US/09282147
; Patent No. 6274147
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram
; APPLICANT: YAO, Kun
; TITLE OF INVENTION: METHOD FOR GENERATING NONPATHOGENIC, INFECTIOUS
; TITLE OF INVENTION: PANCREATIC NECROSIS VIRUS (IPNV) FROM SYNTHETIC RNA
; TITLE OF INVENTION: TRANSCRIPTS
; FILE REFERENCE: 8288-9023
; CURRENT APPLICATION NUMBER: US/09/282,147
; CURRENT FILING DATE: 1999-03-31
; EARLIER APPLICATION NUMBER: US/60/080,278
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: PCT/US97/12955
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-282-147-1
```

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0.2%; Score 17; DB 1; Length 26;
Query Match Similarity 100.0%; Pred. No. 1e+03;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTT 4479
|||||
10 CTTTTTTTTTTTTTTTTT 26

RESULT 463
US-09-266-065-10
; Sequence 10, Application US/09266065
; Patent No. 6303328
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.
; APPLICANT: Cook, Julia
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
; TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
; TITLE OF INVENTION: p53 PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/266,065
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,011
; FILING DATE: 15-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: DIGILLO, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 85152Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-266-065-10

Query Match 0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTTGTCT 4487
|||||
2 CTTTTTCCTTTTTTCTTTTCT 26

RESULT 464
US-09-538-709-415/C
; Sequence 415, Application US/09538709
; Patent No. 6468749
; GENERAL INFORMATION:
; APPLICANT: Ulanovsky, et al
; TITLE OF INVENTION: SEQUENCE-DEPENDENT GENE SORTING TECHNIQUES

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/ FILE REFERENCE: 540579-2006
/ CURRENT APPLICATION NUMBER: US/09/538,709
/ CURRENT FILING DATE: 2001-06-08
/ NUMBER OF SEQ ID NOS: 1311
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO: 415
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: primer
/ US-09-538-709-415

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred.No.1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy      6380 CTTCCCTAAAAGCTCCTAATGCCC 6404
Db      26  CTTCCGACAAAGTCTTAGTGCCC 2

RESULT 465
US-09-935-247-10
; Sequence 10, Application US/09935247
; Patent No. 6645944
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.
;              Cook, Julia
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
;                   OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
;                   P53 PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/935,247
; FILING DATE: 22-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/266,065
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: DIGITAL, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 85152Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-935-247-10

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred.No.1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```



```

; FILING DATE: 06-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: PEPPER PH.D., FREDERICK W.
; REGISTRATION NUMBER: 31,286
; REFERENCE/DOCKET NUMBER: 491-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4410
; TELEFAX: 619-453-2839
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-568-271-1

Query Match      0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCAGC 7434
Db      20 GCAGCAGCAGCAGCAGCAGC 1

RESULT 470
US-09-661-753-35
; Sequence 35, Application US/09661753
; Patent No. 6436909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661.753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-35

Query Match      0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCAGC 7434
Db      1 GTACGACGACGCGCAGCAGC 20

RESULT 471
US-09-723-368-5
; Sequence 5, Application US/09723368
; Patent No. 6641818
; GENERAL INFORMATION:
; APPLICANT: NORTHWESTERN UNIVERSITY
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: WARNER, Morgan S.
; APPLICANT: GERAGHTY, Robert G.
; APPLICANT: MARTINEZ, Manda M.
; APPLICANT: MONTGOMERY, Rebecca I.
; APPLICANT: COHEN, Gary H.
; APPLICANT: EISENBERG, Roselyn J.
; APPLICANT: WHITBECK, Charles J.
; APPLICANT: KRUMENACHER, Claude
```

```

; APPLICANT: UNIVERSITY OF PENNSYLVANIA
; TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS ENTRY
; FILE REFERENCE: 200290.0050/201
; CURRENT APPLICATION NUMBER: US/09/723.368
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. 60/087,862
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: PCT/US99/12235
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer PRR2A8
US-09-723-368-5

Query Match      0.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCAG 7433
Db      1 AGAAGCAGCAGCAGCAGCAG 20

RESULT 472
US-09-056-285A-30
; Sequence 30, Application US/09056285A
; Patent No. 6403307
; GENERAL INFORMATION:
; APPLICANT: Stone, Edwin M.
; APPLICANT: Sheffield, Val C.
; APPLICANT: Alward, Wallace L.M.
; TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/056,285A
; FILING DATE: 07-Apr-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: UIA-010.28
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-09-056-285A-30

Query Match      0.2%; Score 16.8; DB 1; Length 22;
```

Best Local Similarity 90.0%; Pred. No. 7.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5597 TTGTGTTAAGTGCTTC 5616

Db 2 TATGATTAAGTGCTTC 21

RESULT 473
US-08-945A-25/C
Sequence 25, Application US/08068945A
Patent No. 5616483
GENERAL INFORMATION:
APPLICANT: Bjursell, Gunnar
APPLICANT: Carlsson, Peter
APPLICANT: Enerback, Sven
APPLICANT: Hansson, Lennart
APPLICANT: Lidberg, Ulf
APPLICANT: Nilsson, Jeanette
APPLICANT: Tornell, Jan
TITLE OF INVENTION: New DNA Sequences
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: White & Case
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036-2787
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 27-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201809-2
FILING DATE: 11-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201826-6
FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9202088-2
FILING DATE: 03-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9300902-5
FILING DATE: 19-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Steiner, Richard J.
REGISTRATION NUMBER: 35,372
REFERENCE/DOCKET NUMBER: 1103326-052
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)819-8783
TELEFAX: (212)354-8113
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-068-945A-25

Query Match 0.2%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3620 ATGGGGTGGGGGTGGAGAG 3639

Db 22 ATGGGGTCTGGGGTGGAGAG 3

RESULT 474

US-08-442-806-25/C
Sequence 25, Application US/08442806
Patent No. 5716817
GENERAL INFORMATION:
APPLICANT: Bjursell, Gunnar
APPLICANT: Carlsson, Peter
APPLICANT: Enerback, Sven
APPLICANT: Hansson, Lennart
APPLICANT: Lidberg, Ulf
APPLICANT: Nilsson, Jeanette
APPLICANT: Tornell, Jan
TITLE OF INVENTION: Genomic DNA Sequences
TITLE OF INVENTION: Encoding Human BSSL/CEL
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: White & Case
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036-2787
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442.806
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,945
FILING DATE: 27-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201809-2
FILING DATE: 11-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201826-6
FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9202088-2
FILING DATE: 03-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9300902-5
FILING DATE: 19-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Steiner, Richard J.
REGISTRATION NUMBER: 35,372
REFERENCE/DOCKET NUMBER: 1103326-052
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)819-8783
TELEFAX: (212)354-8113
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-442-806-25

Query Match 0.2%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3620 ATGGGGTGGGGGTGGAGAG 3639

Db 22 ATGGGGTCTGGGGTGGAGAG 3

RESULT 475
US-08-161-281A-10
; Sequence 10, Application US/08161281A
; Patent No. 5639595
; GENERAL INFORMATION:
; APPLICANT: Mirabelli, Christopher K., Vickers, Timothy A., Ecker, David
; APPLICANT: J. Robertson, Debra
; TITLE OF INVENTION: Identification of No. 5639595el Drugs and Reagents
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Maciewicz & No. 5639595rie
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/161.281A
; FILING DATE: Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/517.240
; FILING DATE: 01-MAY-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: 1SIS-0861
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-161-281A-10
Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 4463 CTTTTTTTTTTTTTTTTT 4482
Db 6 CTGTGGTTTCTTTTCTT 25
RESULT 476
US-08-648-709-4
; Sequence 4, Application US/08648709
; Patent No. 6045996
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Trulsson, Mark
; APPLICANT: Gingeras, Thomas R.
; APPLICANT: McGall, Glenn
; APPLICANT: Robinson, Claire
; APPLICANT: Smederud-Oval, Michelle
; TITLE OF INVENTION: Hybridization Assays on Oligonucleotide
; TITLE OF INVENTION: Arrays
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco

STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/648.709
FILING DATE: 16-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/544,361
FILING DATE: 10-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/510,521
FILING DATE: 02-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 16528X-018600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-648-709-4
Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 3547 TGGTGGTACCACTGCTT 3566
Db 6 TGGTGGTACCTGCTTCTT 25
RESULT 477
US-09-010-641-34/C
; Sequence 34, Application US/09010641
; Patent No. 6121023
; GENERAL INFORMATION:
; APPLICANT: ROMANO, JOSEPH W.
; APPLICANT: SHUTLIFF, ROXANNE
; APPLICANT: WILLIAMS, KIMBERLY G.
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR
; TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,
; TITLE OF INVENTION: MIP-1ALPHA AND MIP-1BETA
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AKZO NOBEL PATENT DEPARTMENT
; STREET: 1300 PICCARD DRIVE, SUITE 206
; CITY: ROCKVILLE
; STATE: MARYLAND
; COUNTRY: USA
; ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/010,641
FILING DATE: 22-JAN-1998
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: KLESNER, SHARON N.
REGISTRATION NUMBER: 36,335
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-948-7400
TELEFAX: 301-948-9751
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-010-641-34

Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5286 GCAGCCTCTACTCCGACCA 5305
DB 22 GCAGCCTCTGCTCCGACCA 3

RESULT 478
US-09-356-281-34/c
Sequence 34, Application US/09356281
Patent No. 6218154
GENERAL INFORMATION:
APPLICANT: ROMANO, JOSEPH W.
APPLICANT: SHURTLEIFF, ROXANNE
APPLICANT: WILLIAMS, KIMBERLY G.
TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR
TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,
TITLE OF INVENTION: MIP-1ALPHA AND MIP-1BETA
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSER: AKZO NOBEL PATENT DEPARTMENT
STREET: 1300 PICCARD DRIVE, SUITE 206
CITY: ROCKVILLE
STATE: MARYLAND
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,281
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/010,641
FILING DATE: 22-JAN-1998
ATTORNEY/AGENT INFORMATION:
NAME: KLESNER, SHARON N.
REGISTRATION NUMBER: 36,335
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-948-7400
TELEFAX: 301-948-9751
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-356-281-34

Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5286 GCAGCCTCTACTCCGACCA 5305
DB 22 GCAGCCTCTGCTCCGACCA 3

RESULT 479
US-09-393-389-4
Sequence 4, Application US/09393389
Patent No. 6632605
GENERAL INFORMATION:
APPLICANT: Cronin, Maureen T.
Miyada, Charles Garrett
Tulisen, Mark
Gingeras, Thomas R.
McCall, Glenn
Robinson, Claire
Smedsrud-Oval, Michelle
TITLE OF INVENTION: Hybridization Assays on Oligonucleotide
Arrays
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/393,389
FILING DATE: 10-Sep-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/648,709
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/510,521
FILING DATE: 02-AUG-1995
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-OCT-1994
APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 16528X-018600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-393-389-4

Query Match 0.2%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 1e+03; Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 3547 TGTGGGTACCACTGCTT 3566
|||||
Db 6 TGTGGGTACCACTGCTT 25

RESULT 480
US-09-866-108A-13913
Sequence 13913, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1575
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13913
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-13913

Query Match 0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 1e+03; Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 5546 GTGCATCAGATGAGAAGT 5565
|||||
Db 1 GTGCATCAGATGAGAAGT 20

RESULT 481
US-08-433-505-9
Sequence 9, Application US/08433505
Patent No. 5695936
GENERAL INFORMATION:
APPLICANT: MANDRAND, Bernard
APPLICANT: CROS, Philippe
APPLICANT: DELAIR, Thierry
APPLICANT: CHARLES, Marie-Helene
APPLICANT: EROUT, Marie-No. 569593611e

APPLICANT: PICHOT, Christian
APPLICANT: TONNELIER, Jean-Claude
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESSEE: OLIF & BERRIDGE
STREET: P.O. Box 19928
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22320
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/433,505
FILING DATE: 12-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: MPB 36349
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-433-505-9

Query Match 0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.4e+03; Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Oy 4012 AAATGAGAAAAAGAGAGAAACAAA 4039
|||||
Db 1 AAATGAGAAAAAGAGAGAAACAAA 28

RESULT 482
US-08-870-730-9
Sequence 9, Application US/08870730
Patent No. 6017707
GENERAL INFORMATION:
APPLICANT: MANDRAND, Bernard
APPLICANT: CROS, Philippe
APPLICANT: DELAIR, Thierry
APPLICANT: CHARLES, Marie-Helene
APPLICANT: EROUT, Marie-No. 601770711e
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESSEE: OLIF & BERRIDGE, PLC
STREET: P.O. Box 19928
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

```
; APPLICATION NUMBER: US/06/870,730
; FILING DATE: 06-JUN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BERRIDGE, WILLIAM P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36349A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-870-730-9

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 483
US-09-083-123-3/C
; Sequence 3, Application US/09083123
; Patent No. 6326143
; GENERAL INFORMATION:
; APPLICANT: Seeger, Corina
; TITLE OF INVENTION: Method for Generating Multiple Stranded Nucleic
; FILE REFERENCE: sequence listing
; CURRENT APPLICATION NUMBER: US/09/083,123
; CURRENT FILING DATE: 1998-05-22
; EARLIER APPLICATION NUMBER: EP 95118600.6
; EARLIER FILING DATE: 1995-11-25
; EARLIER APPLICATION NUMBER: PCT/EP96/05149
; EARLIER FILING DATE: 1996-11-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: made by humans
US-09-083-123-3

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      30 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 484
US-09-083-123-7
; Sequence 7, Application US/09083123
; Patent No. 6326143
; GENERAL INFORMATION:
; APPLICANT: Orum, Hendrik
; APPLICANT: Seeger, Corina
; TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic
; FILE REFERENCE: sequence listing
```

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; CURRENT APPLICATION NUMBER: US/09/083,123
; CURRENT FILING DATE: 1998-05-22
; EARLIER APPLICATION NUMBER: EP 95118600.6
; EARLIER FILING DATE: 1995-11-25
; EARLIER APPLICATION NUMBER: PCT/EP96/05149
; EARLIER FILING DATE: 1996-11-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: made by humans
US-09-083-123-7

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 485
US-08-882-649A-10
; Sequence 10, Application US/08882649A
; Patent No. 6344316
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
; APPLICANT: Chee, Mark
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chaodang, Lai
; APPLICANT: Wodicka, Lisa
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Lee, Danny
; APPLICANT: Tran, Huu M.
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: McCall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,649A
; FILING DATE: 25-Jun-1997
; CLASSIFICATION: 435-006.000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/010,471
; FILING DATE: 23-JAN-1996
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
```

```

1      SEQUENCE CHARACTERISTICS:
2          LENGTH: 30 base pairs
3          TYPE: nucleic acid
4          STRANDEDNESS: single
5          TOPOLOGY: linear
6          MOLECULE TYPE: DNA (genomic)
7          HYPOTHETICAL: YES
8          (ix) Features:
9      SEQUENCE DESCRIPTION: SEQ ID NO: 10:
10     US-08-882-649A-10
11
12     Query Match          0.2%; Score 16.8; DB 1; Length 30;
13     Best Local Similarity 75.0%; Pred. No. 1.4e+03;
14     Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0
15
16     Oy      4012 AAATGAGAAAAAGAGAAAAACAAA 4039
17           1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 28
18
19     RESULT 486
20     US-09-686-597-26/c
21     ; Sequence 26, Application US/09686597
22     ; Patent No. 6632641
23     ; GENERAL INFORMATION:
24     ; APPLICANT: Thomas M. BRENNAN
25     ; APPLICANT: Francois CHATELAIN
26     ; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
27     ; FILE REFERENCE: 58710010CPUS02
28     ; CURRENT APPLICATION NUMBER: US/09/686,597
29     ; PRIOR FILING DATE: 2000-10-10
30     ; PRIOR APPLICATION NUMBER: 60/158,315
31     ; PRIOR FILING DATE: 1999-10-08
32     ; NUMBER OF SEQ ID NOS: 32
33     ; SOFTWARE: FastSeq for Windows Version 4.0
34     ; SEQ ID NO 26
35     ; LENGTH: 23
36     ; TYPE: DNA
37     ; ORGANISM: Homo sapiens
38     US-09-686-597-26
39
40     Query Match          0.2%; Score 16.6; DB 1; Length 23;
41     Best Local Similarity 82.6%; Pred. No. 9.3e+02;
42     Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
43
44     Oy      6735 CCTTCCTCTTAATCGATCA 6757
45           23 CGTTCTTCAATGATCA 1
46     Db
47
48     RESULT 487
49     US-09-083-268-11/c
50     ; Sequence 11, Application US/09083268
51     ; Patent No. 6673535
52     ; GENERAL INFORMATION:
53     ; APPLICANT: Pulec, Stefan M
54     ; TITLE OF INVENTION: NUCLEIC ACID ENCODING SPINOCREBELAR
55     ; TITLE OF INVENTION: ATAXIA-2 AND PRODUCTS RELATED THERETO
56     ; NUMBER OF SEQUENCES: 18
57     ; CORRESPONDENCE ADDRESS:
58     ; ADDRESSEE: Mueeting, Raasch & Gebhardt, P.A.
59     ; STREET: 119 No. 6673535th Fourth Street
60     ; CITY: Minneapolis
61     ; STATE: Minnesota
62     ; COUNTRY: USA
63     ; ZIP: 55401
64     ; COMPUTER READABLE FORM:
65     ; MEDIUM TYPE: floppy disk
66     ; COMPUTER: IBM PC compatible
67     ; OPERATING SYSTEM: PC-DOS/MS-DOS
68     ; SOFTWARE: Patentin Release #1.0, Version #1.30
69

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```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/083,268
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/727,084
FILING DATE: 08-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: McCormack, Myra H
REGISTRATION NUMBER: 36,602
REFERENCE/DOCKET NUMBER: 232.00010101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612/305-1220
TELEFAX: 612/305-1228
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-083-268-11

Query Match      0.2%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 9.3e+07;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0.

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7435
      ||||| ||||| ||||| |||||
Db      23 CTGAAGCCCGCAGCAGCAGCAGCA 1

RESULT 488
US-08-529-1908-22/c
Sequence 22, Application US/085291908
Patent No. 5833991
GENERAL INFORMATION:
APPLICANT: Masucci, Maria G.
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE9501324-9
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases

```

```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-529-1908-22

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3631 GTGGAGAGAGAGTAGTAGGCGGA 3653
Db      24 GTGGCCGAGAGAGTAGAGTGGA 2

RESULT 489
US-08-863-639A-27
; Sequence 27, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: Other nucleic acid
US-08-863-639A-27

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7435
Db      2 CCGCCGCCGCCGCGCAGCAGCAGCA 24

RESULT 490
US-09-157-210-4
; Sequence 4, Application US/09157210B
; Patent No. 6204003
; GENERAL INFORMATION:
; APPLICANT: Steele, J. Kevin
```

```
; APPLICANT: Telford, David L.
; APPLICANT: Cutting, John A.
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF FELINE
; TITLE OF INVENTION: INFECTIOUS ANEMIA
; FILE REFERENCE: SYMBIO.100A
; CURRENT APPLICATION NUMBER: US/09/157,210B
; CURRENT FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 60/059,551
; EARLIER FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Haemobartonella Felis
US-09-157-210-4

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5055 TCCTTACACAGTGCCTTAAGAG 5077
Db      2 TCCTTAGACAGTAAGTAAGAG 24

RESULT 491
US-09-581-493-9
; Sequence 9, Application US/09581493
; Patent No. 6268153
; GENERAL INFORMATION:
; APPLICANT: Lizotte-Manlewski, Michelle
; APPLICANT: Williams, Steven A.
; TITLE OF INVENTION: Polymerase Chain Reaction Diagnostic
; TITLE OF INVENTION: Assays for the Detection of Dirofilaria immitis in Blood and
; FILE REFERENCE: Mosquitoes
; FILE REFERENCE: 64352
; CURRENT APPLICATION NUMBER: US/09/581,493
; CURRENT FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: PCT/US/98/27063
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 60/071,792
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/070,485
; PRIOR FILING DATE: 1998-01-05
; PRIOR APPLICATION NUMBER: 60/087,956
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Dirofilaria immitis probe
US-09-581-493-9

Query Match          0.2%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5359 TCAGCTGGGGCTTGAATGCATT 5381
Db      2 TCTGCTGTGGCTTGAAATGAAT 24

RESULT 492
US-09-651-011A-5/C
; Sequence 5, Application US/09651011A
; Patent No. 6346416
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowbert
```

TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION

FILE REFERENCE: RTS-0168
CURRENT APPLICATION NUMBER: US/09/651,011A

CURRENT FILING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 49

SEQ ID NO 5

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-09-651-011A-5

Query Match

Best Local Similarity 0.2%; Score 16.6; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1791 GTATCTGAGTGAACGTGTCG 1813

Db 24 GAATCAGAGTGGAACCTTGTG 2

RESULT 493

US-08-484-557C-12/C

Sequence 12, Application US/08484557C

Patent No. 5693502

GENERAL INFORMATION:

APPLICANT: LARRY GOLD

APPLICANT: SUMEDHA JAYASENA

TITLE OF INVENTION: NUCLEIC ACID LIGAND

TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES

NUMBER OF SEQUENCES: 74

CORRESPONDENCE ADDRESS:

ADDRESSEE: Swanson and Bratschun, L.L.C.

STREET: 8400 East Prentice Avenue., Suite 200

CITY: Denver

STATE: Colorado

COUNTRY: USA

ZIP: 80111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/484,557C

FILING DATE: 7-JUNE-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/714,131

FILING DATE: 10-JUNE-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/536,428

FILING DATE: 11-JUNE-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/964,624

FILING DATE: 21-OCTOBER-1992

ATTORNEY/AGENT INFORMATION:

NAME: Diane Cruz

REGISTRATION NUMBER: 33,960

REFERENCE/DOCKET NUMBER: NEX43-3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-484-557C-12

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3669 CCAACAAACCTTCAGCCAGAAAG 3691

Db 24 CCAACAAACCTTCAGTCACAAAG 2

RESULT 494

US-08-487-426B-12/C

Sequence 12, Application US/08487426B

Patent No. 5763173

GENERAL INFORMATION:

APPLICANT: LARRY GOLD

APPLICANT: SUMEDHA JAYASENA

TITLE OF INVENTION: NUCLEIC ACID LIGAND

TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES

NUMBER OF SEQUENCES: 74

CORRESPONDENCE ADDRESS:

ADDRESSEE: Swanson and Bratschun, L.L.C.

STREET: 8400 East Prentice Avenue., Suite 200

CITY: Denver

STATE: Colorado

COUNTRY: USA

ZIP: 80111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 8.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,426B

FILING DATE: 7-JUNE-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/714,131

FILING DATE: 10-JUNE-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/536,428

FILING DATE: 11-JUNE-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/964,624

FILING DATE: 21-OCTOBER-1992

ATTORNEY/AGENT INFORMATION:

NAME: Diane Cruz

REGISTRATION NUMBER: 33,960

REFERENCE/DOCKET NUMBER: NEX43-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-487-426B-12

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3669 CCAACAAACCTTCAGCCAGAAAG 3691

Db 24 CCAACAAACCTTCAGTCACAAAG 2

RESULT 495

US-08-487-720A-12/C

```
; Sequence 12, Application US/08487720A
; Patent No. 5874557
; GENERAL INFORMATION:
; APPLICANT: LARRY GOLD
; APPLICANT: SUMEDHA JAYASENA
; TITLE OF INVENTION: NUCLEIC ACID LIGAND
; TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson and Birtschun, L.L.C.
; STREET: 8400 East Prentice Avenue, Suite 200
; CITY: Denver
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,720A
; FILING DATE: 7-JUNE-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/714,131
; FILING DATE: 10-JUNE-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/536,428
; FILING DATE: 11-JUNE-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/964,624
; FILING DATE: 21-OCTOBER-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Diane Cruz
; REGISTRATION NUMBER: 33,960
; REFERENCE/DOCKET NUMBER: NEX3-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-487-720A-12

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      3669 CCAACAACCTCCAGCCAGAAG 3691
Db      24 CCAACAACCTTCAGTCCAAAG 2
```

```
RESULT 496
US-09-528-760A-10
; Sequence 10, Application US/09528760A
; Patent No. 6312824
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11
; CURRENT APPLICATION NUMBER: US/09/528,760A
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
```

```
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-09-528-760A-10
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```
Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
OY      1921 GGTGGCATTACCAACATCTCTAGT 1943
Db      2 GGTAGCATTAGCAGCATCTCTGCT 24
```

```
RESULT 497
US-09-951-843-10
; Sequence 10, Application US/09951843
; Patent No. 6548056
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11D1
; CURRENT APPLICATION NUMBER: US/09/951,843
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/528,760
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-09-951-843-10
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```
Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
OY      1921 GGTGGCATTACCAACATCTCTAGT 1943
Db      2 GGTAGCATTAGCAGCATCTCTGCT 24
```

```
RESULT 498
US-09-866-108A-3233/c
; Sequence 3233, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
```



```

; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 3233
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-3233

```

```

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Oy      4298 GCATCTTTTCTCTCCCTGAC 4320
Db      25 GCCTCTTTTCAGTCCCGGAC 3

```

```

RESULT 499
US-09-866-108A-3234/c
; Sequence 3234, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 3234
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-3234

```

```

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Oy      4298 GCATCTTTTCTCTCCCTGAC 4320
Db      24 GCCTCTTTTCAGTCCCGGAC 2

```

```

RESULT 500
US-09-866-108A-3235/c
; Sequence 3235, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 3235
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-3235

```

```

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Oy      4298 GCATCTTTTCTCTCCCTGAC 4320

```

Db 23 GCCTCTTTTCAGTCCCGGAC 1

```
RESULT 501
US-09-866-108A-4407/c
; Sequence 4407, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4407
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4407

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5766 GCTTGCTGCGCGGCTGCTGCC 5788
Db 25 GCTTCTGTGGCAGCCTCCCTCC 3

RESULT 502
US-09-866-108A-4408/c
; Sequence 4408, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
```

```
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4408

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5766 GCTTGCTGCGCGGCTGCTGCC 5788
Db 24 GCTTCTGTGGCAGCCTCCCTCC 2

RESULT 503
US-09-866-108A-4409/c
; Sequence 4409, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4409
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4409

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      5766 GCTGCTGCGCGCTGCTGCC 5788
Db      23 GCTTCTGCGCGAGCTCTCTTC 1

RESULT 504
US-09-866-108A-5201
; Sequence 5201, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5201
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5201

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Cy      4319 ACTGTCTCTGACCCCTTGCTC 4341
Db      .. 3. ACTGTCTCTCGGCGCTTGCTC 25

RESULT 505
US-09-866-108A-5202
; Sequence 5202, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5202
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5202

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      4319 ACTGTCTCTGACCCCTTGCTC 4341
Db      2 ACTGTCTCTCGGCGCTTGCTC 24

RESULT 506
US-09-866-108A-5203
; Sequence 5203, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
```

```
FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5203
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5203

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4319 ACTGTCTCTGACCCCTTGCTC 4311
Db      1 ACTGTCTCTCGGCGCTTCGGCTC 23

RESULT 507
; Sequence 12694, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
```

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12694

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7407 CAACATCAGCAGCAGCAGCA 7429
Db      3 CAGCTTCAGCAGCAGCTGAGCA 25

RESULT 508
; Sequence 12695, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12695

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Qy 7407 CAACATGACGACGACGACGA 7429
Db 2 CAGCTTCAGCAGCAGCTTAAGCA 24

RESULT 509

US-10-003-998A-4
; Sequence 4, Application US/10003998A
; Patent No. 6664064
; GENERAL INFORMATION:
; APPLICANT: Roche Diagnostics GmbH
; TITLE OF INVENTION: Method for melting curve analysis of repetitive PCR
; FILE REFERENCE: 5438/00/EP
; CURRENT APPLICATION NUMBER: US/10/003,998A
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-003-998A-4

Query Match 0.2%; Score 16.6; DB 1; Length 32;
Best Local Similarity 71.0%; Pred. No. 1.6e+03;
Matches 22; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 4004 TTAGGCTTAAATGAGAAAAAGAGAAAA 4034
Db 1 TCAGCTAAAAAAGAAAAAAGAAAAA 31

RESULT 510

US-08-679-645-1167/c
; Sequence 1167, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: MCGwigen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folckerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Waidburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-679-645-1167

Query Match 0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 65 GCTGCGGCGCGCGCGCG 82
Db 18 GCTGCGGCGCGCGCGCG 1

RESULT 511

US-09-205-995-48/c
; Sequence 48, Application US/09205995
; Patent No. 6368855
; GENERAL INFORMATION:
; APPLICANT: Xu, Minzhen
; APPLICANT: Qiu, Gang
; APPLICANT: Humphreys, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/09/205,995
; CURRENT FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
; OTHER INFORMATION: of the mouse Il gene.
US-09-205-995-48

Query Match 0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAG 7430
Db 18 CAGCAGCAGCAGCAGCAG 1

RESULT 512

US-09-422-978-10119
; Sequence 10119, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

```
FILE REFERENCE: GENSRT 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10119
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-9587 for SEQ 2254, in compleme
US-09-422-978-10119

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 19;
Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6181 AAGAGTGATGAGAGAGA 6198
DB 1 AAAAGTGATGAGAGAGA 18

RESULT 513
US-08-275-951-49
Sequence 49, Application US/08275951
Patent No. 6451968
GENERAL INFORMATION:
APPLICANT: Egholm, Michael
APPLICANT: Kieley, John
APPLICANT: Giffen, Michael
APPLICANT: Coull, James M.
APPLICANT: Nielsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Lelf
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968e1 Sequence
NAME/KEY: misc_feature
LOCATION: (10)..(11)
OTHER INFORMATION: Ethylene glycol, Ethylene glycol, Ethylene glycol
NAME/KEY: misc_feature
```

```
LOCATION: (13)
OTHER INFORMATION: N is Pseudoisocytosine
NAME/KEY: misc_feature
LOCATION: (20)
OTHER INFORMATION: N is Pseudoisocytosine
US-08-275-951-49

Query Match
Best Local Similarity 89.5%; Score 16.4; DB 1; Length 20;
Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTT 4481
DB 1 CTTTTCTTTTNTTTTTTT 19

RESULT 514
US-08-628-540-8/c
Sequence 8, Application US/08628540
Patent No. 6022951
GENERAL INFORMATION:
APPLICANT: SANO, Takeshi
APPLICANT: CANTOR, Charles R.
APPLICANT: VAJDA, Sandor
APPLICANT: REZNIK, Gabriel O.
APPLICANT: SMITH, Cassandra L.
APPLICANT: PANDORI, Mark W.
TITLE OF INVENTION: STREPTAVIDIN MUTANTS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESSES:
ADDRESSER: BAKER & BOTTS, L.L.P.
STREET: 1299 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004-2400
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,540
FILING DATE: 10-APR-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/420,010
FILING DATE: 11-APR-1995
APPLICATION NUMBER: 60/003,687
FILING DATE: 18-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36,902
REFERENCE/DOCKET NUMBER: 016865-0244
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-639-7700
TELEFAX: 202-639-7890
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-628-540-8

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 21;
Pred. No. 8.4e+02;
```

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCA 7429

Db 21 TTACGACGACGACGCA 4

RESULT 515
US-08-941-100-3/C

; Sequence 3, Application US/08941100B

; Patent No. 6207390

; GENERAL INFORMATION:

; APPLICANT: Cantor, Charles R.

; APPLICANT: Sano, Takeshi

; TITLE OF INVENTION: Reduced Affinity Streptavidin

; FILE REFERENCE: BU-03165

; CURRENT APPLICATION NUMBER: US/08/941.100B

; PRIOR FILING DATE: 1997-10-03

; PRIOR APPLICATION NUMBER: 08/469,353

; PRIOR FILING DATE: 1995-06-06

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 3

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Streptomyces avidinii

US-08-941-100-3

Query Match

Best Local Similarity 0.2%; Score 16.4; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCA 7429

Db 21 TTACGACGACGACGCA 4

RESULT 516
US-09-161-466-19

; Sequence 19, Application US/09161466

; Patent No. 6204025

; GENERAL INFORMATION:

; APPLICANT: LIT, QIANG

; TITLE OF INVENTION: EXON-LINKING FOR DNA BASED DIAGNOSTICS

; FILE REFERENCE: 2124-292

; CURRENT APPLICATION NUMBER: US/09/161.466

; CURRENT FILING DATE: 1998-09-28

; EARLIER APPLICATION NUMBER: US 60/060319

; NUMBER OF SEQ ID NOS: 24

; SOFTWARE: Patentin Ver. 2.0 - Beta

; SEQ ID NO 19

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-161-466-19

Query Match

Best Local Similarity 0.2%; Score 16.4; DB 1; Length 23;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2867 CAAGCAGCAGCAGTGG 2884

Db 2 CAAGCAGCAGCAGCAGTGG 19

RESULT 517
US-09-360-416-74/C

; Sequence 74, Application US/09360416

; Patent No. 6458536

; GENERAL INFORMATION:

; APPLICANT: Richard A. Gatti

; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA

; FILE REFERENCE: 510015-222

; CURRENT APPLICATION NUMBER: US/09/360.416

; CURRENT FILING DATE: 1999-07-23

; NUMBER OF SEQ ID NOS: 143

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 74

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Human

US-09-360-416-74

Query Match

Best Local Similarity 0.2%; Score 16.4; DB 1; Length 24;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3168 TTAGTTGGGTTTGATTA 3185

Db 19 TTGATTGGGTTTGATA 2

RESULT 518
US-08-967-101-140/C

; Sequence 140, Application US/08967101

; Patent No. 5840540

; GENERAL INFORMATION:

; APPLICANT: ST. GEORGE-HYSLOP, PETER H

; APPLICANT: ROMMENS, JOHANNA M

; APPLICANT: FRASER, PAUL E

; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED

; TO ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 183

; CORRESPONDENCE ADDRESS:

ADDRESSER: TESTA, HURWITZ & THIBEAULT

STREET: High Street Tower - 125 High Street

CITY: Boston

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/967,101

FILING DATE: 10-NOV-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/592,541

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Pitcher, Edmund R.

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 248-7000

TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 140:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer"

US-08-967-101-140

Query Match

Best Local Similarity 0.2%; Score 16.4; DB 1; Length 25;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1964 TTTTCAGCAGCAGTGA 1981

Db 22 TTTTCTACAGCCAGTGA 5

RESULT 519

US-08-592-541-140/c
Sequence 140, Application US/08592541
Patent No. 5986054
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
City: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-592-541-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;
Best local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1964 TTTTCAAGCCAGTGA 1981

Db 22 TTTTCTACAGCCAGTGA 5

RESULT 520

US-09-124-698-140/c
Sequence 140, Application US/09124698
Patent No. 611978
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
City: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,698
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-698-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;
Best local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1964 TTTTCAAGCCAGTGA 1981

Db 22 TTTTCTACAGCCAGTGA 5

RESULT 521

US-09-127-480-140/c
Sequence 140, Application US/09127480
Patent No. 6194153
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
City: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/127,480
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-127-480-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1964 TTTTCAACAGCCAGTGA 1981
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 522
US-08-496-841C-140/C
Sequence 140, Application US/08496841C
Patent No. 6210919
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
ROMMENS, JOHANNA M
FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 175
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby, PC
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/496,841C
FILING DATE: 28-Jun-1995
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Paul F. Feilner, Ph.D.
REGISTRATION NUMBER: 35,135
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 527-7700
TELEFAX: (212) 753-6237
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 140:
US-08-496-841C-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1964 TTTTCAACAGCCAGTGA 1981
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 523
US-09-124-523-140/C
Sequence 140, Application US/09124523

Patent No. 6395960
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,523
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pletcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-523-140

Query Match 0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1964 TTTTCAACAGCCAGTGA 1981
Db 22 TTTTCTACAGCCAGTGA 5

RESULT 524
US-09-636-796A-140/C
Sequence 140, Application US/09636796A
Patent No. 6485911
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
ROMMENS, JOHANNA M
FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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;
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA: US/09/636,796A
; APPLICATION NUMBER: US/09/636,796A
; FILING DATE: 11-Aug-2000
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pletcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
;
; INFORMATION FOR SEQ ID NO: 140:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 140:
US-09-636-796A-140

Query Match          0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1964 TTTTTCACAGCCAGTGA 1981
Db      22 TTTTCTACAGCCAGTGA 5

RESULT 525
US-08-294-424-27/c
; Sequence 27, Application US/08294424
; Patent No. 5800984
;
; GENERAL INFORMATION:
; APPLICANT: Vary, Calvin
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCE DETECTION BY
; TITLE OF INVENTION: TRIPLE HELIX FORMATION
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: Wordperfect (Version 5.0)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/294,424
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/000,922
; FILING DATE: 16 JAN 1993
; APPLICATION NUMBER: US/07/629,601B
; FILING DATE: 17-DEC-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 00088-037001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
;
; INFORMATION FOR SEQ ID NO: 27 :
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-294-424-27

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5698 TTTTGCTTCCTTTCTCTCTT 5718
Db      21 TTTTCCTTCCTTTCTCTCTT 1

RESULT 526
US-08-472-659-20
; Sequence 20, Application US/08472659
; Patent No. 5831030
;
; GENERAL INFORMATION:
; APPLICANT: TSUTSUMOTO, Masafumi
; APPLICANT: IWASA, Fuyuki
; APPLICANT: TSUROOKA, No. 5831030uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MURA, Kenju
; APPLICANT: ISHIDA, No. 5831030uhltro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMACHIT, Kozo
; APPLICANT: YAMAGUCHI, No. 5831030omi
;
; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,659
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-212305
; FILING DATE: 17-JUL-1992
; APPLICATION NUMBER: JP 5-067339
; FILING DATE: 04-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/091,028
; FILING DATE: 14-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 001560-248
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
;
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-472-659-20

Query Match          0.2%; Score 16.2; DB 1; Length 21;
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;
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-294-424-27

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5698 TTTTGCTTCCTTTCTCTCTT 5718
Db      21 TTTTCCTTCCTTTCTCTCTT 1

RESULT 526
US-08-472-659-20
; Sequence 20, Application US/08472659
; Patent No. 5831030
;
; GENERAL INFORMATION:
; APPLICANT: TSUTSUMOTO, Masafumi
; APPLICANT: IWASA, Fuyuki
; APPLICANT: TSUROOKA, No. 5831030uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MURA, Kenju
; APPLICANT: ISHIDA, No. 5831030uhltro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMACHIT, Kozo
; APPLICANT: YAMAGUCHI, No. 5831030omi
;
; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,659
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-212305
; FILING DATE: 17-JUL-1992
; APPLICATION NUMBER: JP 5-067339
; FILING DATE: 04-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/091,028
; FILING DATE: 14-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 001560-248
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
;
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-472-659-20

Query Match          0.2%; Score 16.2; DB 1; Length 21;
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Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 694 GATGTGGCCATGAGCACCCTG 714

Db 1 GCTGTGGCCATGATGACACCG 21

RESULT 527

US-08-474-661-20

; Sequence 20, Application US/08474661

; Patent No. 5874253

; GENERAL INFORMATION:

; APPLICANT: TSUJIMOTO, Masaaki

; APPLICANT: IWASA, Fuyuki

; APPLICANT: TSUROKA, No. 5874253uo

; APPLICANT: NAKAZATO, Hiroshi

; APPLICANT: MIURA, Kenju

; APPLICANT: ISHIDA, No. 5874253unhiro

; APPLICANT: KURIHARA, Tatsuya

; APPLICANT: YAMAUCHI, Kozo

; APPLICANT: YAMAGUCHI, No. 5874253om1

; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR

; NUMBER OF SEQUENCES: 34

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Burns, Doane, Swecker & Mathis

; STREET: George Mason Bldg., Washington & Prince Sts.

; CITY: Alexandria

; STATE: Virginia

; COUNTRY: United States

; ZIP: 22313-1404

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/474,661

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/091,028

; FILING DATE: 14-JUL-1993

; APPLICATION NUMBER: JP 4-212305

; FILING DATE: 17-JUL-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: JP 5-067339

; FILING DATE: 04-MAR-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: REA, TERESA STANER

; REGISTRATION NUMBER: 30,427

; REFERENCE/DOCKET NUMBER: 001560-204

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703) 836-6620

; TELEFAX: (703) 836-6620

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-474-661-20

Query Match 0.2%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 694 GATGTGGCCATGAGCACCCTG 714

Db 1 GCTGTGGCCATGATGACACCG 21

RESULT 528

US-08-611-977-20

; Sequence 20, Application US/08611977

; Patent No. 5972886

; GENERAL INFORMATION:

; APPLICANT: TSUJIMOTO, Masaaki

; APPLICANT: IWASA, Fuyuki

; APPLICANT: TSUROKA, No. 5972886uo

; APPLICANT: NAKAZATO, Hiroshi

; APPLICANT: MIURA, Kenju

; APPLICANT: ISHIDA, No. 5972886unhiro

; APPLICANT: KURIHARA, Tatsuya

; APPLICANT: YAMAUCHI, Kozo

; APPLICANT: YAMAGUCHI, No. 5972886om1

; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR

; NUMBER OF SEQUENCES: 34

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Burns, Doane, Swecker & Mathis

; STREET: P.O. Box 1404

; CITY: Alexandria

; STATE: Virginia

; COUNTRY: United States

; ZIP: 22313-1404

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/611,977

; FILING DATE: 06-MAR-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/091,028

; FILING DATE: 14-JUL-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: JP 4-212305

; FILING DATE: 17-JUL-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: JP 6-067339

; FILING DATE: 04-MAR-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: McGowan, Malcolm K.

; REGISTRATION NUMBER: 39,300

; REFERENCE/DOCKET NUMBER: 001560-204

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703) 836-6620

; TELEFAX: (703) 836-2021

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-611-977-20

Query Match 0.2%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 694 GATGTGGCCATGAGCACCCTG 714

Db 1 GCTGTGGCCATGATGACACCG 21

RESULT 529

US-08-663-639A-52/c

; Sequence 52, Application US/08663639A

; Patent No. 5981185

; GENERAL INFORMATION:

; APPLICANT: Matson, Robert S.

; APPLICANT: Coasbin, Peter J.

```

; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-52

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60 CGGAGGCTGCGGGCGGCGG 80
Db      21 CGGCGGCGGCGGCGGCGG 1

RESULT 530
US-08-863-639A-55/c
; Sequence 55, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-56

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60 CGGAGGCTGCGGGCGGCGG 80
Db      21 CGGCGGCGGCGGCGGCGG 1
```

```

; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-55

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      62 GAGGCTGCGGGCGGCGGCG 82
Db      21 GCGGCGGCGGCGGCGGCGG 1

RESULT 531
US-08-863-639A-56
; Sequence 56, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-56

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60 CGGAGGCTGCGGGCGGCGG 80
Db      21 CGGCGGCGGCGGCGGCGG 1
```

Db 1 CGCGCGCGCGCGCGCGCGCG 21

RESULT 532

US-08-863-639A-67/C
Sequence 67, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coaslin, Peter J.

APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 67:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

US-08-863-639A-67

Query Match 0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 61 GAGGCTGCGCGCGCGCGCGC 81

Db 21 GGCGCGCGCGCGCGCGCGCGC 1

RESULT 533

US-08-863-639A-68
Sequence 68, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coaslin, Peter J.

APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 68:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

US-08-863-639A-68

Query Match 0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 9.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 62 GAGGCTGCGCGCGCGCGCGCGC 82

Db 1 GGCGCGCGCGCGCGCGCGCGC 21

RESULT 534

US-08-863-639A-71
Sequence 71, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coaslin, Peter J.

APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

```

; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-71
Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 61 GGAGGCTGGCGGGCGCGCGC 81
DB 1 GGCGGCGGCGCGCGCGCGC 21

RESULT 535
US-08-416-214A-11
; Sequence 11, Application US/08416214A
; Patent No. 5998596
; GENERAL INFORMATION:
; APPLICANT: Bergan, Raymond; Neckers, Len
; TITLE OF INVENTION: Inhibition Of Protein
; TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/416,214A
; FILING DATE: 04-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Kathryn M.
; REGISTRATION NUMBER: 34,556
; REFERENCE/DOCKET NUMBER: 2026-4166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; HYPOTHETICAL: Yes
; ANTI-SENSE: No
US-08-416-214A-11
Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 61 GGAGGCTGGCGGGCGCGCGC 81
DB 1 GGCGGCGGCGCGCGCGCGC 21

RESULT 536
US-09-228-942-8
; Sequence 8, Application US/09228942
; Patent No. 6203988
; GENERAL INFORMATION:
; APPLICANT: Kambara, Hideki
; APPLICANT: Uematsu, Chihito
```

```

; TITLE OF INVENTION: DNA FRAGMENT ANALYSIS METHOD AND REAGENT KIT
; FILE REFERENCE: ASA-757
; CURRENT APPLICATION NUMBER: US/09/228,942
; CURRENT FILING DATE: 1999-01-12
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide ligated to 3' end of DNA fragment
US-09-228-942-8
Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4459 TCGACTTTTTTTTTTTTTTTT 4479
DB 1 TGTGTTTTTTTTTTTTTTTTTT 21

RESULT 537
US-09-422-978-11535
; Sequence 11535, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020Cpl
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11535
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9620 for SEQ 3670, in compleme
US-09-422-978-11535
Query Match
Best Local Similarity 0.2%; Score 16.2; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6192 GAAGAGATGAGAGATTGG 6212
DB 1 GAAGAGATGAGAGATTGTG 21

RESULT 538
US-08-390-850-7/C
; Sequence 7, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Gustafson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
```

```

: TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
: NUMBER OF SEQUENCES: 1151
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/390,850
: FILING DATE: February 17, 1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/354,920
: FILING DATE: December 13, 1994
: APPLICATION NUMBER: 08/152,487
: FILING DATE: No. 5612215ember 12, 1993
: APPLICATION NUMBER: 07/989,848
: FILING DATE: December 7, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 211/084
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-390-850-7
:
: Query Match 0.2%; Score 16.2; DB 1; Length 22;
: Best Local Similarity 85.7%; Pred. No. 1e+03;
: Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
:
: QY 7395 TTCTGAGCAAGCAACATCAG 7415
: Db 21 TTCTGAGTGCACCAACATCAG 1
:
: RESULT 539
: US-08-435-634-7/c
: Sequence 74, Application US/08435634
: Patent No. 5731295
: GENERAL INFORMATION:
: APPLICANT: Draper, Kenneth G.
: APPLICANT: Pavco, Pamela
: APPLICANT: McSwigen, James
: APPLICANT: Gustofson, John
: APPLICANT: Stinchcomb, Dan T.
: TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
: TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
: NUMBER OF SEQUENCES: 1151
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071
: COMPUTER READABLE FORM:

```

```

: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/435,634
: FILING DATE: 05-MAY-1995
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/390,850
: FILING DATE: February 17, 1995
: APPLICATION NUMBER: 08/354,920
: FILING DATE: December 13, 1994
: APPLICATION NUMBER: 08/152,487
: FILING DATE: No. 5731295ember 12, 1993
: APPLICATION NUMBER: 07/989,848
: FILING DATE: December 7, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 211/084
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-435-634-7
:
: Query Match 0.2%; Score 16.2; DB 1; Length 22;
: Best Local Similarity 85.7%; Pred. No. 1e+03;
: Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
:
: QY 7395 TTCTGAGCAAGCAACATCAG 7415
: Db 21 TTCTGAGTGCACCAACATCAG 1
:
: RESULT 540
: US-09-009-913-156/c
: Sequence 156, Application US/09009913
: Patent No. 6087485
: GENERAL INFORMATION:
: APPLICANT: Axy's Pharmaceuticals, Inc.
: TITLE OF INVENTION: Asthma Related Genes
: NUMBER OF SEQUENCES: 339
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Bozicevic & Reed, LLP
: STREET: 285 Hamilton Ave, Suite 200
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94301
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FastSeq for windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/009,913
: FILING DATE: 21-JAN-1998
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Sherwood, Pamela J
: REGISTRATION NUMBER: 36,677

```

```

; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 156:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-09-009-913-156

Query Match          0.2%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6994 AGGTGGGAAGAGGATTTTC 7014
Db      22 AGGTGAGAAAGYGCATTTTC 2

RESULT 541
US-09-230-222-16
; Sequence 16, Application US/09230222A
; Patent No. 6159720
; GENERAL INFORMATION:
; APPLICANT: MURASHIMA, KOUICHIROU
; APPLICANT: MORIYA, TATSUKI
; APPLICANT: HAMAYA, TORU
; APPLICANT: KOGA, JINICHIRO
; APPLICANT: SUMIDA, NAOMI
; APPLICANT: AOYAGI, KAORI
; APPLICANT: MURAKAMI, TAKESHI
; APPLICANT: KONO, TOSHIYAKI
; TITLE OF INVENTION: ENZYME ENDOGLUCANASE AND CELLULOSE PREPARATIONS
; TITLE OF INVENTION: CONTAINING THE SAME
; FILE REFERENCE: 99-0055/LIC(WMC)/144
; CURRENT APPLICATION NUMBER: US/09/230.222A
; CURRENT FILING DATE: 1999-03-03
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
; US-09-230-222-16

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5552 GCAGATGAGAAGTGTGTTG 5572
Db      3 GCAGATGAGACGTGTGTGTTG 23

RESULT 542
US-09-230-225B-23
; Sequence 23, Application US/09230225B
; Patent No. 640362
; GENERAL INFORMATION:
; APPLICANT: Meiji Seika Kaisha, Ltd.
; APPLICANT: Moriya, Tatsuki
; TITLE OF INVENTION: Systems for the Mass Production of Proteins or Peptides by Micro
; TITLE OF INVENTION: of the Genus Humicola
; FILE REFERENCE: YX990054
; CURRENT APPLICATION NUMBER: US/09/230.225B
; CURRENT FILING DATE: 1999-03-03
; NUMBER OF SEQ ID NOS: 34
```

```

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Humicola insolens
; US-09-230-225B-23

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5552 GCAGATGAGAAGTGTGTTG 5572
Db      3 GCAGATGAGACGTGTGTGTTG 23

RESULT 543
US-09-686-597-24/C
; Sequence 24, Application US/09686597
; Patent No. 6632641
; GENERAL INFORMATION:
; APPLICANT: Thomas M. BRENNAN
; APPLICANT: Francois CHATELAIN
; APPLICANT: Mark BERNINGER
; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
; TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY
; FILE REFERENCE: 58710010CPUS02
; CURRENT APPLICATION NUMBER: US/09/686,597
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: 60/158,315
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-686-597-24

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6737 TTCCTCTTAATCGATCA 6757
Db      21 TTCCTCTTAATCGATCA 1

RESULT 544
US-09-686-597-25/C
; Sequence 25, Application US/09686597
; Patent No. 6632641
; GENERAL INFORMATION:
; APPLICANT: Thomas M. BRENNAN
; APPLICANT: Francois CHATELAIN
; APPLICANT: Mark BERNINGER
; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
; TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY
; FILE REFERENCE: 58710010CPUS02
; CURRENT APPLICATION NUMBER: US/09/686,597
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: 60/158,315
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-686-597-25

Query Match          0.2%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
```


Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6737 TTCCTTTTAAATCTGATCA 6757

Db 21 TTCTCTTCAATGATGATCA 1

RESULT 545

US-09-686-597-27/C

Sequence 27, Application US/09686597

Patent No. 6632641

GENERAL INFORMATION:

APPLICANT: Thomas M. BRENNAN

APPLICANT: Francois CHATELAIN

APPLICANT: Mark BERINGER

TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING

TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY

FILE REFERENCE: 58710010CPUS02

CURRENT APPLICATION NUMBER: US/09/686,597

PRIOR APPLICATION NUMBER: 60/158,315

PRIOR FILING DATE: 1999-10-08

NUMBER OF SEQ ID NOS: 32

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 27

LENGTH: 23

TYPE: DNA

ORGANISM: Homo sapiens

US-09-686-597-27

Query Match 0.2%; Score 16.2; DB 1; Length 23;

Best Local Similarity 85.7%; Pred. NO. 1.1e+03;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6737 TTCCTTTTAAATCTGATCA 6757

Db 21 TTCTCTTCAATGATGATCA 1

RESULT 546

US-08-465-590-94/C

Sequence 94, Application US/08465590

Patent No. 5824770

GENERAL INFORMATION:

APPLICANT: Georgopoulos, Katia A.

TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE

NUMBER OF SEQUENCES: 164

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD

STREET: 60 STATE STREET, Suite 510

CITY: BOSTON

STATE: MASSACHUSETTS

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Ascii (text)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/465,590

FILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/238,212

FILING DATE: 02-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/121,438

FILING DATE: 14-SEP-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/946,233

FILING DATE: 14-SEP-1992

ATTORNEY/AGENT INFORMATION:

NAME: Myers, Paul L.

REGISTRATION NUMBER: 35,695

REFERENCE/DOCKET NUMBER: MPG-006C2DV

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400

TELEFAX: (617) 227-5941

INFORMATION FOR SEQ ID NO: 94:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-465-590-94

Query Match 0.2%; Score 16.2; DB 1; Length 24;

Best Local Similarity 85.7%; Pred. NO. 1.2e+03;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1170 GTATCCCATCTGCGCTGCGCT 1190

Db 21 GTATCCCATATTCCTGCT 1

RESULT 547

US-08-570-155-16/C

Sequence 16, Application US/08570155

Patent No. 5962332

GENERAL INFORMATION:

APPLICANT: Singer, Robert H.

APPLICANT: Taneja, Krishan L.

TITLE OF INVENTION: DETECTION OF TRINUCLEOTIDE REPEATS

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: FISH & RICHARDSON P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version

SOFTWARE: #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/570,155

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/399,499

FILING DATE: 07 March 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/214,823

FILING DATE: 17 March 1994

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 06353/011001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-570-155-16

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 59 ACGAGGCTGCGGCGCGCGG 80
DB 24 ACGCGCGCGCGCGCGCGCGG 3

RESULT 548
US-08-487-799-17
; Sequence 17, Application US/08487799C
; Patent No. 6010908
; GENERAL INFORMATION:
; APPLICANT: Gruenert, Dieter C.
; APPLICANT: Kunzelmann, Karl
; TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
; FILE REFERENCE: 480.18-1(HV)
; CURRENT APPLICATION NUMBER: US/08/487,799C
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 07/933,471
; EARLIER FILING DATE: 1992-08-21
; EARLIER APPLICATION NUMBER: 08/409,544
; EARLIER FILING DATE: 1995-03-24
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-08-487-799-17

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6723 GTAGCTGGAATACCTTCCTTC 6743
DB 4 GTAGCTGTACTACTCTTCATC 24

RESULT 549
US-09-030-701-29/c
; Sequence 29, Application US/09030701B
; Patent No. 6214806
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
; TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF
; FILE REFERENCE: C1039/7011
; CURRENT APPLICATION NUMBER: US/09/030,701B
; CURRENT FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/039,405
; PRIOR FILING DATE: 1997-02-28
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-030-701-29

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGAAACAGTTCTACATGG 1541
DB 22 GGGAAACAGTTCTCCATGG 2

RESULT 550
US-09-286-098-61/c
; Sequence 61, Application US/09286098
; Patent No. 6218371
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Weiner, George
; TITLE OF INVENTION: Methods and Products for Stimulating the
; TITLE OF INVENTION: Immune System Using Immunotherapeutic Oligonucleotides and
; FILE REFERENCE: C1039/7026/HCL
; CURRENT APPLICATION NUMBER: US/09/286,098
; CURRENT FILING DATE: 1999-04-02
; EARLIER APPLICATION NUMBER: US 60/080,729
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-286-098-61

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGAAACAGTTCTACATGG 1541
DB 22 GGGAAACAGTTCTCCATGG 2

RESULT 551
US-08-711-417C-94/c
; Sequence 94, Application US/08711417C
; Patent No. 6228611
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 202
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/711,417C
; FILING DATE: 05-Sep-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 08/121,438
; FILING DATE: 14-SEP-1993
; APPLICATION NUMBER: 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Louis P.
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: 10287/007001

```
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 94:
US-08-711-417C-94

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1170 GTATCCCATCTGCGCTGCTT 1190
Db      21 GTATCCGATATTCCTGCTT 1

RESULT 552
US-08-960-774-61/C
Sequence 61, Application US/08960774
Patent No. 6239116
GENERAL INFORMATION:
APPLICANT: Krieg et al.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,774
FILING DATE: 30-October-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial No. 6239116 08/738,652
FILING DATE: October 30, 1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 08918/012001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-960-774-61

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1521 GGGGAACAGTTGACATG 1541
Db      1521 GGGGAACAGTTGACATG 1541
```

```
Db      22 GGGGAACAGTTGTCATG 2

RESULT 553
US-09-296-280-48
Sequence 48, Application US/09296280
Patent No. 6277608
GENERAL INFORMATION:
APPLICANT: Hartley, James L.
APPLICANT: Braech, Michael A.
APPLICANT: Temple, Gary F.
APPLICANT: Fox, Donna K.
TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
TITLE OF INVENTION: Recombination Sites
FILE REFERENCE: 0942,2850007
CURRENT APPLICATION NUMBER: US/09/296,280
CURRENT FILING DATE: 1999-04-22
EARLIER APPLICATION NUMBER: US 09/177,387
EARLIER FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: US 60/065,930
EARLIER FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 48
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-296-280-48

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      3109 AAGACTCAGCTTGACAGCTT 3129
Db      1 AATTCATGTTGACAGCTT 21

RESULT 554
US-09-325-193A-52/C
Sequence 52, Application US/09325193A
Patent No. 6406705
GENERAL INFORMATION:
APPLICANT: Davis, Heather L.
APPLICANT: Schott, Joachim
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Use of Nucleic Acid Containing
FILE REFERENCE: C1039/7025/HCL
CURRENT APPLICATION NUMBER: US/09/325,193A
CURRENT FILING DATE: 1999-06-03
PRIOR APPLICATION NUMBER: US 09/154,614
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: PCT/US98/04703
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: US 60/040,376
PRIOR FILING DATE: 1997-03-10
NUMBER OF SEQ ID NOS: 98
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 52
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-09-325-193A-52

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 1521 GGGGAACAGTTCTACATGG 1541
Db 22 GGGGAACAGTTCTCATGG 2

RESULT 555
US-09-191-170-55/c
Sequence 55, Application US/09191170
Patent No. 6429199
GENERAL INFORMATION:
APPLICANT: Krieger, Arthur M.
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules
FILE REFERENCE: C1039/7017
CURRENT APPLICATION NUMBER: US/09/191,170
EARLIER FILING DATE: 1998-11-13
EARLIER APPLICATION NUMBER: US 08/960,774
EARLIER FILING DATE: 1997-10-30
EARLIER APPLICATION NUMBER: US 08/738,652
EARLIER FILING DATE: 1996-10-30
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER FILING DATE: 1995-02-07
EARLIER APPLICATION NUMBER: US 08/276,358
EARLIER FILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 99
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 55
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-191-170-55

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAACAGTTCTACATGG 1541
Db 22 GGGGAACAGTTCTCATGG 2

RESULT 556
US-09-723-909-94/c
Sequence 94, Application US/09723909
Patent No. 6630141
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/723,909
FILING DATE: 28-No. 6630141-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/711,417
FILING DATE: 05-Sep-1996
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994

APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Meyer, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 94:
US-09-723-909-94

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1170 GTATCCCATCTGCCCTGCT 1190
Db 21 GTATCCCATATTCCTGCT 1

RESULT 557
US-09-337-619-61/c
Sequence 61, Application US/09337619
Patent No. 6653292
GENERAL INFORMATION:
APPLICANT: Krieger, Arthur M.
TITLE OF INVENTION: Methods of Treating Cancer Using
TITLE OF INVENTION: Immunostimulatory Oligonucleotides
FILE REFERENCE: C1039/7021/HCL
CURRENT APPLICATION NUMBER: US/09/337,619
EARLIER FILING DATE: 1999-06-21
EARLIER APPLICATION NUMBER: US 08/960,774
EARLIER FILING DATE: 1997-10-30
EARLIER APPLICATION NUMBER: US 08/738,652
EARLIER FILING DATE: 1996-10-30
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER FILING DATE: 1995-02-07
EARLIER APPLICATION NUMBER: US 08/276,358
EARLIER FILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 123
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 61
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-09-337-619-61

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAACAGTTCTACATGG 1541
Db 22 GGGGAACAGTTCTCATGG 2

RESULT 558
PCT-US93-08743-94/c
Sequence 94, Application PC/TUS9308743
GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
US-08-115-497-1
NUMBER OF SEQUENCES: 152
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08743
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 946,233
FILING DATE: 14-SEP-1992
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
PCT-US93-08743-94

Query Match 0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1170 GTATCCCATCTGCGCTGCTT 1190
Db 21 GTATCCGATATTCCTGCTT 1

RESULT 559
US-08-115-497-1
Sequence 1, Application US/08115497
Patent No. 5514546
GENERAL INFORMATION:
APPLICANT: KOOL, Eric T.
TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/115,497
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8771
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-115-497-1
Query Match 0.2%; Score 16.2; DB 1; Length 25;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTCTTTCTTTCTTTT 4483
Db 2 CTTTCTTTCTTTCTTTCTTTT 22

RESULT 560
US-08-466-670-1
Sequence 1, Application US/08466670
Patent No. 5808036
GENERAL INFORMATION:
APPLICANT: KOOL, Eric T.
TITLE OF INVENTION: STEM-LOOP OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PARALLEL AND ANTIPARALLEL BINDING DOMAINS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,670
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/115,497
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8771
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-466-670-1

Query Match 0.2%; Score 16.2; DB 1; Length 25;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4463 CTTTCTTTCTTTCTTTCTTTT 4483
Db 2 CTTTCTTTCTTTCTTTCTTTT 22

RESULT 561
US-08-087-387-6
Sequence 6, Application US/08087387
Patent No. 5473060
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Oligonucleotide clamps having diagnostic and therapeutic appl1

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
STREET: 465 Lincoln Centre Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows, vers. 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/087,387
FILING DATE: 19930702
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: 104
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-7855
TELEFAX: (415) 358-7794
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-087-387-6

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTTTTTT 4477
DB 1 ACTTTTTTTTTTTTTT 16

RESULT 562
US-08-455-627-6
Sequence 6, Application US/08455627
Patent No. 5571677
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
TITLE OF INVENTION: Connected Macromolecular Structures
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: LYNX-003/01 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
TELEFAX: 415-857-0663
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-455-627-6

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTTTTTT 4477
DB 1 ACTTTTTTTTTTTTTT 16

RESULT 563
US-07-971-978-36
Sequence 36, Application US/07971978
Patent No. 5614617
GENERAL INFORMATION:
APPLICANT: Cook and Sanghvi
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/971,978
FILING DATE: February 18, 1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/558,806
FILING DATE: July 27, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0333
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: 5-Fluoro-2'-deoxyuridine
substitution
NAME/KEY: Modified-site
LOCATION: 2

OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
FEATURE: substitution
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
US-07-971-978-36

Query Match 0.24; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 4464 TTTT TTTT TTTT TTTT 4479
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 564
US-07-971-978-42
Sequence 42: Application US/07971978
Patent No. 5614617
GENERAL INFORMATION:
APPLICANT: Cook and Sanghvi
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
TITLE OF INVENTION: Gene Expression
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
ADDRESSEE: No. 5614617is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/971,978
FILING DATE: February 18, 1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/558,806
FILING DATE: July 27, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0333
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: 5-bromo-2'-deoxyuridine

```
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
US-07-971-978-42

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred.No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4479
          |||||
          TTTT TTTT TTTT TTTT 16

Db      1 TTTT TTTT TTTT TTTT 16

RESULT 565
US-07-971-978-60
; Sequence 60, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanhvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
```

```
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
ADDRESSEE: No. 5614617is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/971,978
FILING DATE: February 18, 1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/558,806
FILING DATE: July 27, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Luccl
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0333
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
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/ FEATURE: Modified-site
/ NAME/KEY: Modified-site
/ LOCATION: 9
/ OTHER INFORMATION: 5-Iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 10
/ OTHER INFORMATION: 5-Iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 11
/ OTHER INFORMATION: 5-Iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 12
/ OTHER INFORMATION: 5-Iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 13
/ OTHER INFORMATION: 5-Iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 14
/ OTHER INFORMATION: 5-Iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 15
/ OTHER INFORMATION: 5-Iodo-2'-deoxyuridine
/ OTHER INFORMATION: substitution
/ US-07-971-978-60
Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4464 TTTTTTTTTTTTTT 4479
Db 1 TTTTTTTTTTTTTT 16
RESULT 566
US-08-461-271-6
/ Sequence 6, Application US/08461271
/ Patent No. 5741643
/ GENERAL INFORMATION:
/ APPLICANT: Sergei M. GYAZNOV
/ TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
/ TITLE OF INVENTION: and therapeutic applications
/ NUMBER OF SEQUENCES: 6
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
/ STREET: 465 Lincoln Centre Drive
/ CITY: Foster City
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 5.25 inch diskette
/ OPERATING SYSTEM: IBM compatible
/ SOFTWARE: Microsoft Word for Windows, vers. 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/461,271
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/087,387

```

```

      1  FILING DATE: 2-JUL-93
      2  ATTORNEY/AGENT INFORMATION:
      3  NAME: Stephen C. Macevitz
      4  REGISTRATION NUMBER: 30,285
      5  REFERENCE/DOCKET NUMBER: 104
      6  TELECOMMUNICATION INFORMATION:
      7  TELEPHONE: (415) 358-7855
      8  TELEFAX: (415) 358-7794
      9  INFORMATION FOR SEQ ID NO: 6:
     10  SEQUENCE CHARACTERISTICS:
     11  LENGTH: 16 nucleotides
     12  TYPE: nucleic acid
     13  STRANDEDNESS: single
     14  TOPOLOGY: linear
     15  US-08-461-271-6
     16
     17  Query Match 0.2%; Score 16; DB 1; Length 16;
     18  Best Local Similarity 100.0%; Pred. No. 5.7e+02;
     19  Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0
     20
     21  Qy 4462 ACTTTTTTTTTTTT 4477
     22  |||||
     23  Db 1 ACTTTTTTTTTTTT 16
     24
     25  RESULT 567
     26  US-08-415-370-2
     27  Sequence 2, Application US/08415370
     28  Patent No. 5801155
     29  GENERAL INFORMATION:
     30  APPLICANT: Kutayin, Igor V.
     31  APPLICANT: Lukhtanov, Eugeny A.
     32  APPLICANT: Gamper, Howard B.
     33  APPLICANT: Meyer, Jr., Rich B.
     34  TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE MINOR
     35  TITLE OF INVENTION: GROOVE BINDER CONJUGATES
     36  NUMBER OF SEQUENCES: 2
     37  CORRESPONDENCE ADDRESS:
     38  ADDRESSEE: KLRIN & SZEKERES
     39  STREET: 4199 Campus Drive, Suite 700
     40  CITY: Irvine
     41  STATE: CA
     42  COUNTRY: USA
     43  ZIP: 92715
     44  COMPUTER READABLE FORM:
     45  MEDIUM TYPE: Floppy disk
     46  COMPUTER: IBM PC compatible
     47  OPERATING SYSTEM: PC-DOS/MS-DOS
     48  SOFTWARE: Patentin Release #1.0, Version #1.25
     49  CURRENT APPLICATION DATA:
     50  APPLICATION NUMBER: US/08/415,370
     51  FILING DATE: 03-APR-1995
     52  CLASSIFICATION: 536
     53  ATTORNEY/AGENT INFORMATION:
     54  NAME: Szekeres, Gabor L.
     55  REGISTRATION NUMBER: 28,675
     56  REFERENCE/DOCKET NUMBER: 491-09-PA
     57  TELECOMMUNICATION INFORMATION:
     58  TELEPHONE: 714-854-5502
     59  TELEFAX: 714-854-4897
     60  INFORMATION FOR SEQ ID NO: 2:
     61  SEQUENCE CHARACTERISTICS:
     62  LENGTH: 16 base pairs
     63  TYPE: nucleic acid
     64  STRANDEDNESS: single
     65  TOPOLOGY: linear
     66  US-08-415-370-2
     67
     68  Query Match 0.2%; Score 16; DB 1; Length 16;
     69  Best Local Similarity 100.0%; Pred. No. 5.7e+02;
     70  Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0
     71
     72  Qy - 4464 TTTTTTTTTTTT 4479

```

Db 1 TTTTTTTTTTTTTT 16

RESULT 568
US-08-713-685A-6
; Sequence 6, Application US/08713685A
; Patent No. 5817795
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
; TITLE OF INVENTION: and therapeutic applications
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,685A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/461,271
; FILING DATE:
; APPLICATION NUMBER: 08/087,387
; FILING DATE: 2-Jul-93
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-7855
; TELEFAX: (415) 358-7794
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-713-685A-6

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTTTT TTTT TTTT 4477
Db 1 ACTTTT TTTT TTTT 16

RESULT 569
US-08-689-856-6
; Sequence 6, Application US/08689856
; Patent No. 5830658
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
; TITLE OF INVENTION: Connected Macromolecular Structures
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward LLP
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA

; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,856
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-689-856-6

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTTTT TTTT TTTT 4477
Db 1 ACTTTT TTTT TTTT 16

RESULT 570
US-08-687-551-15
; Sequence 15, Application US/08687551
; Patent No. 5856435
; GENERAL INFORMATION:
; APPLICANT: BAZILE, Didier
; APPLICANT: HELENE, Claude
; APPLICANT: SPENLEHAUER, Gilles
; TITLE OF INVENTION: NUCLEIC ACID-CONTAINING COMPOSITION, ITS
; TITLE OF INVENTION: PREPARATION AND USE
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Rd. 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/687,551
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 94/01381
; FILING DATE: 08-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/FR95/00098
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:

NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: ST94007-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-08-687-551-15

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5,7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479
|||||
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 571
US-09-070-477-6
Sequence 6, Application US/09070477
Patent No. 6048974
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
STREET: 465 Lincoln Centre Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows, vers. 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/070,477
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/713,685
FILING DATE:
APPLICATION NUMBER: 08/461,271
FILING DATE:
APPLICATION NUMBER: 08/087,387
FILING DATE: 2-Jul-93
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,485
REFERENCE/DOCKET NUMBER: 104
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-7855
TELEFAX: (415) 358-7794
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-070-477-6

Query Match 0.2%; Score 16; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 5,7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTT TTTT TTTT TTTT 4477
|||||
Db 1 ACTT TTTT TTTT TTTT 16

RESULT 572
US-09-141-764-2
Sequence 2, Application US/09141764
Patent No. 6084102
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
APPLICANT: Lukhtanov, Eugeny A.
APPLICANT: Gampet, Howard B.
APPLICANT: Meyer, Jr., Rich B.
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE
TITLE OF INVENTION: MINOR
TITLE OF INVENTION: GROOVE BINDER CONJUGATES
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESSES:
ADDRESSEE: KLEIN & SZEKERES
STREET: 4199 Campus Drive, Suite 700
CITY: Irvine
STATE: CA
COUNTRY: USA
ZIP: 92715
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/141,764
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Szekeres, Gabor L.
REGISTRATION NUMBER: 28,675
REFERENCE/DOCKET NUMBER: 491-09-PA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-854-4897
TELEFAX: 714-854-5502
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-141-764-2

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5,7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479
|||||
Db 1 TTTT TTTT TTTT TTTT 16

RESULT 573
US-08-851-843A-131/c
Sequence 131, Application US/08851843A
Patent No. 6093809
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.

```

; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6093809el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-851-843A-131

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTT 4479
Db      16 TTTTTTTTTTTTTT 1

RESULT 574
US-08-854-050-131/c
; Sequence 131, Application US/08854050
; Patent No. 6261836
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6261836el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-854-050-131

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTT 4479
Db      16 TTTTTTTTTTTTTT 1

RESULT 575
US-09-430-323-131/c
; Sequence 131, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
```

```

; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-854-050-131

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTT 4479
Db      16 TTTTTTTTTTTTTT 1

RESULT 575
US-09-430-323-131/c
; Sequence 131, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
```

```

; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,323
; FILING DATE: 29-Oct-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-430-323-131

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT 1

RESULT 576
US-09-507-345A-2
; Sequence 2, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;               Lukhtanov, Eugeny A.
;               Gamber, Howard B.
;               Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                   Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A

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; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Keizer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-507-345A-2

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT 16

RESULT 577
US-09-619-103-22/c
; Sequence 22, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-22

Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT 1

RESULT 578
US-09-739-928-2
; Sequence 2, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;               Lukhtanov, Eugeny A.

```

```
;
;      Gamber, Howard B.
;      Meyer Jr., Rich B.
;      TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;      Groove Binder Conjugates
;      NUMBER OF SEQUENCES: 12
;      CORRESPONDENCE ADDRESSES:
;      ADDRESS: Townsend and Townsend and Crew LLP
;      STREET: Two Embarcadero Center, Eighth Floor
;      CITY: San Francisco
;      STATE: California
;      COUNTRY: USA
;      ZIP: 94111-3834
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: Patent in Release #1.0, Version #1.30
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/739,928
;      FILING DATE: 11-May-2001
;      CLASSIFICATION: <Unknown>
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: US 08/415,370
;      FILING DATE: 03-APR-1995
;      APPLICATION NUMBER: US 09/141,764
;      FILING DATE: 27-AUG-1998
;      APPLICATION NUMBER: US 09/507,345
;      FILING DATE: 18-FEB-2000
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Kezer, William B.
;      REGISTRATION NUMBER: 37,369
;      REFERENCE/DOCKET NUMBER: 17682A-003510US
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (415) 576-0200
;      TELEFAX: (415) 576-0300
;      INFORMATION FOR SEQ ID NO: 2:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 16 base pairs
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;      MOLECULE TYPE: DNA
;      SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-739-928-2
;
Query Match      0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4479
Db      1 TTTT TTTT TTTT TTTT 16

RESULT 579
; US-08-821-827C-30
; Sequence 30, Application US/08821827C
; Patent No. 6297425
; GENERAL INFORMATION:
; APPLICANT: Scelonge, Christopher J.
; APPLICANT: Bidney, Dennis L.
; TITLE OF INVENTION: GENE ENCODING OXALATE DECARBOXYLASE FROM
; TITLE OF INVENTION: ASPERGILLUS PHOENICES
; FILE REFERENCE: 0561A
; CURRENT APPLICATION NUMBER: US/08/821,827C
; CURRENT FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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;
;      OTHER INFORMATION: primer
;      NAME/KEY: misc feature
;      LOCATION: (1)...(17)
;      OTHER INFORMATION: n = A,T,C or G
;      US-08-821-827C-30
;      Query Match      0.2%; Score 16; DB 1; Length 17;
;      Best Local Similarity 100.0%; Pred. No. 6.5e+02;
;      Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4479
Db      2 TTTT TTTT TTTT TTTT 17

RESULT 580
; US-09-290-202B-30
; Sequence 30, Application US/09290202B
; Patent No. 6303846
; GENERAL INFORMATION:
; APPLICANT: Scelonge, Christopher J.
; APPLICANT: Bidney, Dennis L.
; TITLE OF INVENTION: GENE ENCODING OXALATE DECARBOXYLASE FROM
; TITLE OF INVENTION: ASPERGILLUS PHOENICES
; FILE REFERENCE: 0561D
; CURRENT APPLICATION NUMBER: US/09/290,202B
; CURRENT FILING DATE: 1999-04-12
; PRIOR APPLICATION NUMBER: 08/821,827
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
;      US-09-290-202B-30
;      Query Match      0.2%; Score 16; DB 1; Length 17;
;      Best Local Similarity 100.0%; Pred. No. 6.5e+02;
;      Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4479
Db      2 TTTT TTTT TTTT TTTT 17

RESULT 581
; US-08-584-040-2548
; Sequence 2548, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, Pamela
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
```

```

: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/584.040
: FILING DATE: January 11, 1996
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/005.974
: FILING DATE: October 26, 1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 218/064
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
:
: TELEFAX: 67-3510
: INFORMATION FOR SEQ ID NO: 2548:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-584-040-2548
:
: Query Match 0.2%; Score 16; DB 1; Length 17;
: Best Local Similarity 12.5%; Pred. No. 6.5e+02;
: Matches 2; Conservative 14; Mismatches 0; Indels 0; Gaps 0;
:
: Oy 4462 ACCTTTTCTTTT 4477
: Db 2 ACUUUUUUUUUUUU 17
:
: RESULT 582
: US-08-584-040-2551
: Sequence 2551, Application US/08584040
: Patent No. 6346398
: GENERAL INFORMATION:
: APPLICANT: Pavco, Pamela
: APPLICANT: MCSwigen, James
: APPLICANT: Stinchcomb, Dan T.
: APPLICANT: Escodedo, Jaime
: TITLE OF INVENTION: METHOD AND REAGENT FOR THE
: TITLE OF INVENTION: TREATMENT OF DISEASES OR
: TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
: TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
: GROWTH FACTOR
: NUMBER OF SEQUENCES: 8502
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/584.040
: FILING DATE: January 11, 1996
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:

```

```

/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ INFORMATION FOR SEQ ID NO: 2551:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-584-040-2551

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 6.5e+02;
Matches 0; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT*****TTT 4479
          :::::::::::::::
Db       1 UUUUUUUUUUUUUUU 16

RESULT 583
US-09-788-338-3
/ Sequence 3, Application US/09788338
/ Patent No. 6485916
/ GENERAL INFORMATION:
/ APPLICANT: MURAMATSU, TAKAMICHI
/ APPLICANT: FUJITA, TAKESHI
/ APPLICANT: KIYAMA, MASAHARU
/ APPLICANT: IRIE, TAKASHI
/ TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
/ TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
/ FILE REFERENCE: NIT-129-02
/ CURRENT APPLICATION NUMBER: US/09/788,338
/ CURRENT FILING DATE: 2001-02-21
/ PRIOR APPLICATION NUMBER: 09/313,637
/ PRIOR FILING DATE: 1999-05-18
/ PRIOR APPLICATION NUMBER: JP 10-153651
/ PRIOR FILING DATE: 1998-05-20
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 3
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-788-338-3

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT*****TTTG 4484
          |||||
Db       2 TTTT*****TTTG 17

RESULT 584
US-09-300-9584-64
/ Sequence 64, Application US/09300958A
/ Patent No. 6495319
/ GENERAL INFORMATION:
/ APPLICANT: McClelland, Michael
/ APPLICANT: Welsh, John
/ APPLICANT: Trenkle, Thomas

```

```
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-64

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT TTTT TTTT TTTT TTTT G 4484
DB      2      TTTT TTTT TTTT TTTT TTTT G 17

RESULT 585
US-09-371-772B-1072
; Sequence 1072, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1072

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 12.5%; Pred. No. 6.5e+02;
Matches 2; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      4462 AC TTT TTT TTT TTT TTT TTT 4477
DB      2      AC UUU UUU UUU UUU UUU U 17

RESULT 586
US-09-371-772B-1075
; Sequence 1075, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1075

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 6.5e+02;
Matches 0; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTT 4479
DB      1      UUUUUUUUUUUUUUUUU 16

RESULT 587
US-08-927-274A-6/c
; Sequence 6, Application US/08927274A
; Patent No. 6063571
; GENERAL INFORMATION:
; APPLICANT: Unimann, Eugen
; APPLICANT: Breihschl, Gerhard
; APPLICANT: Benner, Steven A.
; APPLICANT: Lutz, Michael
; TITLE OF INVENTION: Process for Amplifying Nucleic Acids
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,274A
; FILING DATE: 11-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 19637339.5
; FILING DATE: 13-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Elnaudi, Carol P.
; REGISTRATION NUMBER: 32,220
; REFERENCE/DOCKET NUMBER: 02481.1556-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```



```
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..18
; US-08-927-274A-6

Query Match      0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6856 TTGCCTTCTCCCTGGG 6871
Db      18 TTGCCTTCTCCCTGGG 3

RESULT 588
US-09-637-751A-7
; Sequence 7, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roch, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6383754
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-637-751A-7

Query Match      0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4479
Db      1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 589
US-09-422-978-4670/C
; Sequence 4670, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4670
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

```
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-16929 for SEQ 736,
; US-09-422-978-4670

Query Match      0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4153 TTGTCTCTGACCTG 4168
Db      16 TTGTCTCTGACCTG 1

RESULT 590
US-08-650-598-8
; Sequence 8, Application US/08650598
; Patent No. 587020
; GENERAL INFORMATION:
; APPLICANT: Alitalo, Kari
; TITLE OF INVENTION: Promoter of the Receptor Tyrosine Kinase, TIS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,598
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/310,717
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaas, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28113/33245
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-650-598-8

Query Match      0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2015 CAGGGGATGGGAAAAA 2030
Db      5 CAGGGGATGGGAAAAA 20

RESULT 591
US-09-228-942-7/C
; Sequence 7, Application US/09228942
; Patent No. 6203988
; GENERAL INFORMATION:
; APPLICANT: Kanbara, Hideki
```

```

; APPLICANT: Uematsu, Chihiro
; TITLE OF INVENTION: DNA FRAGMENT ANALYSIS METHOD AND REAGENT KIT
; FILE REFERENCE: ASA-757
; CURRENT APPLICATION NUMBER: US/09/228,942
; CURRENT FILING DATE: 1999-01-12
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-228-942-7

Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT TTTT TTTT TTTT TTTG 4484
DB      20  TTTT TTTT TTTT TTTT TTTG 5

RESULT 592
US-09-965-599-4
; Sequence 4, Application US/09965599
; Patent No. 6555670
; GENERAL INFORMATION:
; APPLICANT: Aizawa, Akira
; APPLICANT: Kawakami, Akiho
; APPLICANT: Kondo, Toshihiko
; TITLE OF INVENTION: Testis-Specific Gene
; FILE REFERENCE: 6920/03871
; CURRENT APPLICATION NUMBER: US/09/965,599
; CURRENT FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer HT15-C
US-09-965-599-4

Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTT TTTT TTTT TTTT TTTT 4478
DB      4  CTTT TTTT TTTT TTTT TTTT 19

RESULT 593
US-09-198-452A-4311
; Sequence 4311, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflats, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
```

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US-09-198-452A-4311

Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4079 TTGGAATCTCTCCCA 4094
DB      2  TTGGAATCTCTCCCA 17

RESULT 594
US-08-318-837-37
; Sequence 37, Application US/08318837
; Patent No. 5981277
; GENERAL INFORMATION:
; APPLICANT: FRANSEN, LUCIA, DEVOS, KATHELEN, VAN DE VOORDE,
; APPLICANT: ANDRE, VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: NEW POLYPEPTIDES AND PEPTIDES, NUCLEIC ACID
; TITLE OF INVENTION: CODING FOR THEM, AND THEIR USE IN THE FIELD OF TUMOR THERAPY
; TITLE OF INVENTION: IMMUNOLOGY
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSER: BIERMAN AND MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/318,837
; FILING DATE: 13-OCT-1994
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP 93/01022
; FILING DATE: 28-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 92.401.231.3
; FILING DATE: 30-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Mouse
; CELL LINE: PUS-1.8
US-08-318-837-37

Query Match          0.2%; Score 16; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1692 ACAGGGGCGACAGC 1707
DB      4  ACAGGGGCGACAGC 19
```

RESULT 595
US-08-639A-27/C
Sequence 27, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coaslin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordperfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/663,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueh
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-663-639A-27

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 34 TGCTGACGGCTCCGGCGGGCGGC 57
DB 24 TGCTGCTGCTCGCGGGCGCGGC 1

RESULT 596
US-08-200-807-3/C
Sequence 3, Application US/08200807
Patent No. 5573939
GENERAL INFORMATION:
APPLICANT: B v.k, Claes Olof, Eriksson, Ulf
TITLE OF INVENTION: Isolated Protein Receptor, Antibodies Which
TITLE OF INVENTION: bind Thereto, Nucleic Acid Sequence Coding
Patent No. 5573939
TITLE OF INVENTION: Therefore, And Uses Thereof
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/200,807
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/883,539
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5573939man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 280
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 638-3884
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to mRNA
HYPOTHETICAL: no
ANTI-SENSE: no
US-08-200-807-3

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3418 TTCTCTCTGTCACATTTCTGC 3441
DB 24 TTCTCTCAGTCCACAGTGTGTC 1

RESULT 597
US-08-242-402-13/C
Sequence 13, Application US/08242402
Patent No. 5580967
GENERAL INFORMATION:
APPLICANT: JOYCE, GERALD F
TITLE OF INVENTION: OPTIMIZED CATALYTIC DNA-CLEAVING
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE, OFFICE OF
ADDRESSEE: PATENT COUNSEL
STREET: 10666 NORTH TORREY PINES ROAD, TPC 8
CITY: LA JOLLA
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,402
FILING DATE: 13-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LOGAN, APRIL C
REGISTRATION NUMBER: 33,950
REFERENCE/DOCKET NUMBER: TSRI 412.0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-242-402-13

Query Match
Best Local Similarity 79.2%; Score 16; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6682 TTTATTTTATTATTAATGAGGCC 6705
Db 24 TTTATTTTATTATTAATGAGGCC 1

RESULT 598
US-08-488-305A-3/C
; Sequence 3, Application US/08488305A
; Patent No. 5679772
; GENERAL INFORMATION:
; APPLICANT: B v/k, Claes Olof, Eriksson, Ulf; Peterson, Per A.
; TITLE OF INVENTION: Isolated Protein Receptors, Antibodies which
; TITLE OF INVENTION: Bind Thereof, Nucleic Acid Sequence Coding
; Patent No. 5679772
; TITLE OF INVENTION: Therefore, And Uses Thereof
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,305A
; FILING DATE: 7-JUNE-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohli, Vineet
; REGISTRATION NUMBER: 37,003
; REFERENCE/DOCKET NUMBER: LUD 5280.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA to mRNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
US-08-488-305A-3

Query Match
Best Local Similarity 79.2%; Score 16; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3418 TTCTCTCTGTGCGACATTTCTGC 3441
Db 24 TTCTCTCTGTGCGACATTTCTGC 1

RESULT 599
US-08-808-474A-9
; Sequence 9, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
```

```
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
; TELEPHONE: (214) 740-8000
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-808-474A-9

Query Match
Best Local Similarity 79.2%; Score 16; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5325 TTCTCTCTTTGGCTTCATCTCTC 5348
Db 1 TTCTCTCTCTCTCTCTCTCTC 24

RESULT 600
US-08-808-474A-10
; Sequence 10, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-808-474A-10

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 37.5%; Pred. No. 1.3e+03;
Matches 9; Conservative 10; Mismatches 5; Indels 0; Gaps 0;

Qy 5325 TTCTCTCTTGGCTGACTCTCTC 5348
Db 1 UCUUCUCUCUCUCUCUCUCUCUC 24

RESULT 601
US-08-682-423-26/c
Sequence 26, Application US/08682423
Patent No. 6063566
GENERAL INFORMATION:
APPLICANT: Joyce, Gerald F.
TITLE OF INVENTION: NOVEL CATALYTIC RNA MOLECULES
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESS: Patent Counsel
STREET: 10666 No. 6063566th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/682,423
FILING DATE: 17-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/242,402
FILING DATE: 13-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/270,180
FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Logan, April C.
REGISTRATION NUMBER: 33,950
REFERENCE/DOCKET NUMBER: TSRI 412.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-682-423-26

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 6682 TTATTTATTTATATGAGGCC 6705
Db 1 TTTATTTATTTATATGAGGCC 6705

Db 24 TTTATTTATTTATTTAGAGGCC 1

RESULT 602
US-09-142-521-6
Sequence 6, Application US/09142521
Patent No. 6160102
GENERAL INFORMATION:
APPLICANT: GARBEST Anna Maria,
APPLICANT: BONAZZI Stefania,
APPLICANT: ZANELLA Stefania,
APPLICANT: CAPOBIANCO Massimo Luigi,
APPLICANT: GIANNINI Giuseppe,
APPLICANT: ARCAMONE Federico
TITLE OF INVENTION: OLIGONUCLEOTIDE-ANTHRACYCLINE
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hedman, Gibson & Costigan
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk, 3.50 inch.
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,521
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: F196A000044
FILING DATE: 13-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: James V. Costigan
REGISTRATION NUMBER: 25,669
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-302-8989
TELEFAX: 212-302-8998
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
US-09-142-521-6

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTGTGTTTGTGTTGCT 4487
Db 1 TGTGTTTGTGTTGTTGTTT 24

RESULT 603
US-09-235-614-10
Sequence 10, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: CLARK, CHRISTOPHER L.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
FILE REFERENCES: 91556/66384
CURRENT APPLICATION NUMBER: US/09/235,614

```

; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
US-09-235-614-10

Query Match      0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 37.5%; Pred. No. 1.3e+03;
Matches 9; Conservative 10; Mismatches 5; Indels 0; Gaps 0;

QY      5325 TTCTCTCTTGGCTCACTCTCTC 5348
Db      1 UCUCUCUCUCUCUCUCUCUCUCUC 24

RESULT 604
US-09-235-614-11/C
; Sequence 11, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
; FILE REFERENCE: 9156/66384
; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA
US-09-235-614-11

Query Match      0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5325 TTCTCTCTTGGCTCACTCTCTC 5348
Db      24 TCTCTCTCTCTCTCTCTCTCTC 1

RESULT 605
US-09-018-584A-92/C
; Sequence 92, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Bachum, James W.
; APPLICANT: Bachum, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; TITLE OF INVENTION: REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
```

```

; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026,9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-09-018-584A-92

Query Match      0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5712 TCCTCTCTCTTGGCTGAGCTT 5735
Db      24 TCCTCTCTCTCTCTCTCTCTTGT 1

RESULT 606
US-09-298-886-6
; Sequence 6, Application US/09298886
; Patent No. 6329170
; GENERAL INFORMATION:
; APPLICANT: Eric H. Holmes et al.
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
; TITLE OF INVENTION: GM1-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES
; FILE REFERENCE: 8511-029
; CURRENT APPLICATION NUMBER: US/09/298,886
; CURRENT FILING DATE: 1999-04-26
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-298-886-6

Query Match      0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      643 GCCCTGTCAGCGGCCAGATCCT 666
Db      1 GCCATGCGCAGCGCCAGGTTCT 24

RESULT 607
US-09-006-755B-10/C
; Sequence 10, Application US/09006755B
; Patent No. 6451759
; GENERAL INFORMATION:
```

```

; APPLICANT: Kang, Sang-Mo
; APPLICANT: Baek, Andries E
; APPLICANT: Baekkeekov, Steinnun
; APPLICANT: Stock, Peter G.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: A No. 6451759cleavable Fas ligand
; FILE REFERENCE: 18062K-000500US
; CURRENT APPLICATION NUMBER: US/09/006,755B
; CURRENT FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer B for
; OTHER INFORMATION: deletion mutant 1
US-09-006-755B-10
```

```

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Qy          6124 GGGTTGAGCTATTTGGTATCCTG 6147
Db          24 GGGGAGGCTATTTGGCTAGCCTG 1
```

```

RESULT 608
US-09-356-806-82/c
; Sequence 82, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; FILE REFERENCE: 2B15 (UGT2B15) Genes
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 24
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-356-806-82
```

```

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Qy          4456 GCATGACTTTTCTTTTCTTTT 4479
Db          24 GAAAAATTTTCTTTTCTTTT 1
```

```

RESULT 609
US-09-999-672-6
; Sequence 6, Application US/09999672
; Patent No. 6656714
; GENERAL INFORMATION:
; APPLICANT: Eric H. Holmes et al.
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
; TITLE OF INVENTION: GMI-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES
; FILE REFERENCE: 8511-029
; CURRENT APPLICATION NUMBER: US/09/999,672
; CURRENT FILING DATE: 2001-10-31
```

```

; PRIOR APPLICATION NUMBER: US/09/298,886
; PRIOR FILING DATE: 1999-04-26
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-999-672-6
```

```

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Qy          643 GCCCTGTCAGCGCGCAGATCCCT 666
Db          1 GCCATGCGCAGCGCGCCAGTTCTT 24
```

```

RESULT 610
PCT-US93-08329-4/c
; Sequence 4, Application PC/TUS9308329
; GENERAL INFORMATION:
; APPLICANT: Tsai, Ming-Jer
; APPLICANT: Hogan, Michael H
; APPLICANT: O'Malley, Bert W
; APPLICANT: Ing, Nancy H
; TITLE OF INVENTION: Novel Triplex Forming Oligonucleotides
; TITLE OF INVENTION: and Methods for their use
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski Patent Department
; STREET: 1301 McKinney #5100
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08329
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Adler, Benjamin A
; REGISTRATION NUMBER: 35,423
; REFERENCE/DOCKET NUMBER: d5486
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-651-5151
; TELEFAX: 713-651-5346
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US93-08329-4
```

```

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```

Qy          5703 CCTTCCTTCTCTCTCTCTCTCTT 5726
Db          24 CCTTCCTCTCTCTCTTATCTTT 1
```

RESULT 611
PCT-US95-05141-26/c
; Sequence 26, Application PC/TUS9505141
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: NOVEL ENZYMATIC RNA MOLECULES
; NUMBER OF SEQUENCES: 29
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05141
; FILING DATE: 26-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/242,402
; FILING DATE: 13-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/270,180
; FILING DATE: 01-JUL-1994
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-05141-26

Query Match 0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.5%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6682 TTATTTTATATATATGAGGCC 6705
DB 24 TTTTATTTATTTATTTAGAGGCC 1

RESULT 612
US-09-422-978-5276/c
; Sequence 5276, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020C91
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5276
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-23123 for SEQ 1342.
US-09-422-978-5276

Query Match 0.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3851 CTCCTTTCTCCTATTC 3869
DB 19 CTCCTTTCTCCTTTCTTC 1

RESULT 613
US-08-117-952-613
; Sequence 613, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 613:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-117-952-613

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3706 TTGGAAGGATTTACTTC 3724
DB 2 TTGGAAGGAGTGTATTTC 20

RESULT 614
US-08-173-489C-18
; Sequence 18, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: MANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:

ADDRESS: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelsman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: US518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: Nucleic Acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: chld strand derived from n-myc
DESCRIPTION: sequence region in Seq ID No. 586124417
HYPOTHEICAL: Yes
ANTI-SENSE: No
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 18 :FROM 1 TO 20
US-08-173-489C-18

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 744 CTCCTCTCTGCACGCT 762
Db 2 CTCCTCTCTGCCCT 20

RESULT 615
US-08-910-629A-14
Sequence 14, Application US/08910629A
Patent No. 5877309
GENERAL INFORMATION:
APPLICANT: Robert A. McKay
APPLICANT: Nicholas M. Dean
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,629A
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-910-629A-14

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5876 GGCTAGCTCTGACTGC 5894
Db 2 GGCTAGCTCTGATTGC 20

RESULT 616
US-08-507-032-8/c
Sequence 8, Application US/08507032
Patent No. 5989810
GENERAL INFORMATION:
APPLICANT: Flanagan, William A.
APPLICANT: Crabtree, Gerald R.
TITLE OF INVENTION: Screening Methods for Immunosuppressive
TITLE OF INVENTION: Agents
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/507,032
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/228,944
FILING DATE:
APPLICATION NUMBER: US 07/749,385
FILING DATE: 22-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 5490A-89
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

```

;
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..20
; OTHER INFORMATION: /note= "Purine Rich Core Sequence"
US-08-507-032-8

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5308 AGTTGTGTTCTCTCCTT 5326
Db      20 AGCTGGTCTCTCCTT 2

RESULT 617
US-08-914-961-2/c
; Sequence 2, Application US/08914961
; Patent No. 6018042
; GENERAL INFORMATION:
; APPLICANT: Mett, Helmut
; APPLICANT: Haner, Robert
; APPLICANT: Dean, Nicholas Mark
; TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Editor
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/914,961
; FILING DATE: 20-AUG-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/287,753
; FILING DATE: 09-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 4-20047/P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8615
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; POSITION IN GENOME:
; MAP POSITION: -80
; UNITS: bp
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..20
; OTHER INFORMATION: /note= "All nucleotides are of the
; US-08-914-961-2
; OTHER INFORMATION: phosphorothioate type"
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      47 GCGGCGCGCGCAACGAGG 65
Db      20 GCGGCGCGCGCAACGCGG 2

RESULT 618
US-09-357-070-22/c
; Sequence 22, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Bret P. Monia
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-22

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5932 CCACCTGGGCTGACTGCC 5950
Db      19 CCCCTGGGCTGACTGCC 1

RESULT 619
US-09-287-796-14
; Sequence 14, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Bret
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-14

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5876 GCGTAGCTCTTGACTGC 5894
Db      19 GCGTAGCTCTTGACTGC 1
```

Db 2 GGCTTAGCTCTTGATTGC 20

RESULT 620
US-09-444-053-26/c
; Sequence 26, Application US/09444053A
; Patent No. 6165728
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-26

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 914 AGGTGCTGACATCAGAA 932
Db 19 AGGAGCTGCACATCAGAA 1

RESULT 621
US-09-030-701-65
; Sequence 65, Application US/09030701B
; Patent No. 6214806
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
; TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF
; FILE REFERENCE: C1039/7011
; CURRENT APPLICATION NUMBER: US/09/030,701B
; CURRENT FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/039,405
; PRIOR FILING DATE: 1997-02-28
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PaatSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-030-701-65

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 64 GGCTGCGGGCGCGCGCG 82
Db 1 GCGCGCGCGCGCGCGCG 19

RESULT 622
US-09-130-616-14
; Sequence 14, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.

; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-14

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5876 GGCTTAGCTCTTGACTGC 5894
Db 2 GGCTTAGCTCTTGATTGC 20

RESULT 623
US-09-657-042A-39/c
; Sequence 39, Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRES
; FILE REFERENCE: RTS-0148
; CURRENT APPLICATION NUMBER: US/09/657,042A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-39

Query Match 0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7414 AGCAGCAGCAGCAGCA 7432
Db 20 AGCAGCAGCTCAGCAGCA 2

RESULT 624
US-09-082-649B-57
; Sequence 57, Application US/09082649B
; Patent No. 6339068
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; TITLE OF INVENTION: Therapeutic Protocols
; FILE REFERENCE: C1039/7009
; CURRENT APPLICATION NUMBER: US/09/082,649B
; CURRENT FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20


```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-535-008-11
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2662 GACAAGAGCATGACAGTG 2680
      ||||| ||||| ||||| |||||
Db      2 GAGAAGGAGATGACAGTG 20

RESULT 629
US-09-690-364-99/c
; Sequence 99, Application US/09690364
; Patent No. 6468795
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
; FILE REFERENCE: RTS-0190
; CURRENT APPLICATION NUMBER: US/09/690,364
; CURRENT FILING DATE: 2000-10-17
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-690-364-99
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      5475 TTTTGTAAAGATTAATT 5493
      ||||| ||||| ||||| |||||
Db      20 TTTTGTAAAGATTAATT 2
```

```

RESULT 630
US-09-725-265-35/c
; Sequence 35, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHITO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-35
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```

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6681 GTTATTTTATTATATATAT 6699
      ||||| ||||| ||||| |||||
Db      19 GTTTTATTATATATAT 1
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```

RESULT 631
US-09-422-978-7625
; Sequence 7625, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7625
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-9751 for SEQ 3691,
US-09-422-978-7625
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4741 CTGAGGAGAGAGGCTCA 4759
      ||||| ||||| ||||| |||||
Db      2 CTGAGGAGAGAGAGGCTCA 20
```

```

RESULT 632
US-09-422-978-9563
; Sequence 9563, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9563
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
US-09-422-978-9563
```

```
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-5712 for SEQ 1698, in complement
US-09-422-978-9563

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1637 GAGAGGTAGATGGGAG 3655
Db      1 GAGAGGTAGAGAGAGAG 19
      |||||
      |||||

RESULT 633
US-09-422-978-10315
; Sequence 10315, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10315
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21_bind
; OTHER INFORMATION: downstream amplification primer 99-11089 for SEQ 2450, in complement
US-09-422-978-10315

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1630 CGAAGATTTCAGAGATG 1648
Db      1 CGAAGATTTCACAGATG 19
      |||||
      |||||

RESULT 634
US-08-546-130A-23
; Sequence 23, Application US/08546130A
; Patent No. 5801021
; GENERAL INFORMATION:
; APPLICANT: Gray, Joe W.
; APPLICANT: Collins, Colin
; APPLICANT: Pinkel, Daniel
; APPLICANT: Kallioniemi, Olli-Pekka
; APPLICANT: Tanner, Minna M.
; TITLE OF INVENTION: Amplifications of Chromosomal Region
; TITLE OF INVENTION: 20q13 as a Prognostic Indicator in Breast Cancer
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/546,130A
; FILING DATE: 20-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunter, Tom
; REGISTRATION NUMBER: 38,498
; REFERENCE/DOCKET NUMBER: 02307E-051630US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-546-130A-23

Query Match          0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6024 CACACCTGTCCACTCTTG 6042
Db      4 CAAACCTGTCCACTCTTG 22
      |||||
      |||||

RESULT 635
US-08-680-395-31
; Sequence 31, Application US/08680395
; Patent No. 5892010
; GENERAL INFORMATION:
; APPLICANT: Gray, Joe W.
; APPLICANT: Collins, Colin
; APPLICANT: Hwang, Soo-in
; APPLICANT: Godfrey, Tony
; APPLICANT: Kowbel, David
; APPLICANT: Rommens, Johanna
; TITLE OF INVENTION: Genes from the 20q13 Amplicon and Their
; TITLE OF INVENTION: Uses
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,395
; FILING DATE: 15-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Baetian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 02307O-068900US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-680-395-31

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6024 CACACCTGTCCACTCTTG 6042
Db 4 CAAACCTGTCCACTCTTG 22

RESULT 636
US-08-291-011-9
; Sequence 9, Application US/08291011
; Patent No. 5936079
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.
; APPLICANT: Cook, Julia
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
; TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,011
; FILING DATE: 15-AUG-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Digigilo, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 85152Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-291-011-9

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6073 TCTGCTCTTTCTCTT 6091
Db 3 TCTGCTCTTTCTCTT 21

RESULT 637
US-09-066-641-12
; Sequence 12, Application US/0906641
; Patent No. 6268184
; GENERAL INFORMATION:
; APPLICANT: GRAY, JOE W
```

```

; APPLICANT: COLLINS, COLIN
; APPLICANT: PINKEL, DANIEL
; APPLICANT: KALIONIMET, OLI-PEKKA
; APPLICANT: TANNER, MINNA M
; TITLE OF INVENTION: AMPLIFICATIONS OF CHROMOSOMAL REGION 20013 AS A
; TITLE OF INVENTION: PROGNOSTIC INDICATOR IN BREAST CANCER
; FILE REFERENCE: 2500.136US2 20013
; CURRENT APPLICATION NUMBER: US/09/066,641
; CURRENT FILING DATE: 1998-04-24
; EARLIER APPLICATION NUMBER: 08/546,130
; EARLIER FILING DATE: 1995-10-20
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 12
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: forward
US-09-066-641-12

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6024 CACACCTGTCCACTCTTG 6042
Db 4 CAAACCTGTCCACTCTTG 22

RESULT 638
US-09-266-065-9
; Sequence 9, Application US/09266065
; Patent No. 6303328
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.
; APPLICANT: Cook, Julia
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
; TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/266,065
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,011
; FILING DATE: 15-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Digigilo, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 85152Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-266-065-9

```

Query Match	0.2%	Score 15.8;	DB 1;	Length 22;
Best Local Similarity	89.5%;	Pred. No. 1.2e+03;		
Matches 17;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY 6073 TCTGGTCTTTTCTCTTT 6091
||| |||||||||
Db 3 TCTTCTCTTTTCTCTTT 21

RESULT 639
US-09-935-247-9
; Sequence 9, Application US/099352477
; Patent No. 6645944
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.

TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR p53 PROTEIN

?
?
? CORRESPONDENCE ADDRESS: SCOTT, MURPHY & PRESSER
?
? ADDRESSSEE: SCULLY,
? STREET: 400 Garden City Plaza
? CITY: Garden City
? STATE: New York
? COUNTRY: USA
? ZIP: 11530
? COMPUTER READABLE FORM:
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1 FILING DATE: <unknown>
2 ATTORNEY/AGENT INFORMATION:
3 NAME: DIGSIG10, Frank S.
4 REGISTRATION NUMBER: 31, 346
5 REFERENCE/DOCKET NUMBER: 851527
6 TELECOMMUNICATION INFORMATION:
7 TELEPHONE: (516) 742-4343
8 TELEFAX: (516) 742-4366

```

1 INFORMATION FOR SEQ ID NO: 9 :
2 SEQUENCE CHARACTERISTICS
3 LENGTH: 22 base pairs
4 TYPE: nucleic acid
5 STRANDEDNESS: single
6 TOPOLOGY: linear
7 MOLECULE TYPE: DNA (genomic)
8 SEQUENCE DESCRIPTION: SEQ

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Qy	6073	TCGTGCTCTTTCTTT	605
Db	3	TCCTCTCTCTTTCTCTTT	21

RESULT 640
US-09-262-773-203

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; Sequence 203, Application US/09262773
; Patent No. 6225451
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.

```

APPLICANT: Wagner, Susanne
 APPLICANT: Hees, Mark A.
 TITLE OF INVENTION: CHROMOSOME 11-LINKED CORONARY HEART DISEASE
 TITLE OF INVENTION: SUSCEPTIBILITY GENE CHD1

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Query Match	0.2%	Score 15.8	DB 1	Length 23
Best Local Similarity	89.5%	Pred. No. 1.3e+03		
Matches 17, Conservative	0	Mismatches 2	Indels 0	Gaps 0

QY 3621 TGGCGTGGCGGTGGAGAG 3635
 |||||
 Db 5 TGGCGTGGCGGTGGCGGTG 23

RESULT 641
US-08-934-386-30
; Sequence 30, Application US/08934386
; Patent No. 6306636

```

1  APPLICANT:  Haselkorn, Robert
2  APPLICANT:  Gornicki, Piotr
3  TITLE OF INVENTION:  Methods for Detecting Nucleic Acid
4  TITLE OF INVENTION:  Segments Encoding Acetyl-CoA Carboxylase
5  NUMBER OF SEQUENCES:  68
6  CORRESPONDENCE ADDRESS:
7  ADDRESSEE:  Arnold, White & Durkee
8  STREET:  P.O. Box 493

```

```

1 STATE: Texas
2 COUNTRY: US
3 ZIP: 77210-4433
4
5 .COMPUTER READABLE FORM:
6
7 MEDIUM TYPE: Floppy disk
8
9 COMPUTER: IBM PC compatible
10
11 OPERATING SYSTEM: PC-DOS/MS-DOS
12
13 SOFTWARE: Patent in Release #1.0, Version #1.30

```

CONSENT PRE-DETERMINATION DATE: 19-SEP-1997
APPLICATION NUMBER: US/08/934,386
FILING DATE: 19-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: ARSB:522
TELECOMMUNICATION INFORMATION:

```

; TELEFAX: (713) 789-2679
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 23 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-934-386-30

```

Best Local Similarity	89.5%	Pred. No. 1.3e+03;
Matches 17; Conservative	0;	Mismatches 2; Indels 0; Gaps 0

QY 5087 AACACTGATCTGCCTCT 5105
DB 2 AACACTGATCTGCCTCT 20

RESULT 642

US-10-238-483-1/C
Sequence 1, Application US/10238483
Patent No. 6605602
GENERAL INFORMATION:
APPLICANT: Vatec, Abhay
TITLE OF INVENTION: Method for Detecting BK Virus-Associated Nephropathy
TITLE OF INVENTION: In Renal Transplants
FILE REFERENCE: 010605
CURRENT APPLICATION NUMBER: US/10/238,483
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: US/09/967,025
PRIOR FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: VP-1 forward primer
US-10-238-483-1

Query Match 0.2%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCATTTTCACTCTGGCT 3929

DB 23 GCATTTTCTCTCGGCT 5

RESULT 643

US-08-520-928-3/C
Sequence 3, Application US/08520928
Patent No. 5763244
GENERAL INFORMATION:
APPLICANT: WONG-MADDEN, SHARON
TITLE OF INVENTION: METHOD FOR CLONING AND EXPRESSION OF
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,928
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-115
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-1705
TELEFAX: (508) 927-5054
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: synthetic oligonucleotide
US-08-520-928-3

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5210 GGGCTAGATCAGGGGACT 5228

DB 19 GGGCTAGATCAGGGGCTCT 1

RESULT 644

US-08-570-155-17
Sequence 17, Application US/08570155
Patent No. 5962332
GENERAL INFORMATION:
APPLICANT: Singer, Robert H.
APPLICANT: Taneja, Krishan L.
TITLE OF INVENTION: DETECTION OF TRINUCLEOTIDE REPEATS
TITLE OF INVENTION: BY IN SITU HYBRIDIZATION
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSON P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
SOFTWARE: #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/570,155
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/399,499
FILING DATE: 07 March 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/214,823
FILING DATE: 17 March 1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06353/011001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8908
TELEX: 200154

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-570-155-17

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 64 GGGTGGGGGGGGGGGGGG 82

DB 3 GGGGGGGGGGGGGGGGGG 21

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RESULT 645
US-09-004-113-23
; Sequence 23, Application US/09004113
; Patent No. 6028185
; GENERAL INFORMATION:
; APPLICANT: Ozias-Akins, Peggy
; APPLICANT: Hanna, Wayne W.
; APPLICANT: Roche, Dominique
; TITLE OF INVENTION: Nucleic Acid Markers for
; TITLE OF INVENTION: Apoptosis-Specific Genomic Region
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gail E. Poulos
; STREET: Room 407, Bldg. 005, BARC-W
; CITY: Beltsville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20705
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/004,113
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Poulos, Gail E.
; REGISTRATION NUMBER: 36,327
; REFERENCE/DOCKET NUMBER: 0008,98
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-504-5302
; TELEFAX: 301-504-5060
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; IMMEDIATE SOURCE:
; CLONE: A14M primer 1
; US-09-004-113-23
Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5520 TTGAGATTATTCCTGTTG 5538
DB 5 TTGAGTTATTCCTATTG 23
RESULT 646
US-08-974-549A-472/C
; Sequence 472, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
```

```
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17685
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 472:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..24
; OTHER INFORMATION: /note="sJan1.2 primer"
; US-08-974-549A-472
Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 231 GGGAGCAGCTGGCGGCGCT 249
DB 24 GGGTGCAGCTGGCGGAGCT 6
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RESULT 647
US-08-912-951-239/c
Sequence 239, Application US/08912951
Patent No. 6475789
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin H.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
TITLE OF INVENTION: THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,951
FILING DATE: 14-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 239:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-912-951-239

Query Match 0.24; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 GGGAGCAGCTGGCGGCGCT 249

Db 24 GGGTGCAGCTGGCGGAGCT 6
RESULT 648
US-09-402-181B-472/c
Sequence 472, Application US/09402181B
Patent No. 6610839
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin H.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181B
FILING DATE: 29-SEP-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Auehnh, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 472:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..24
OTHER INFORMATION: /note="glant1.2 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 472:
US-09-402-181B-472

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 GGGAGCAGCTGCGGCGCT 249
DB 24 GGGTCAGCTGCGGAGCT 6

RESULT 649
US-09-721-456-472/C
Sequence 472, Application US/09721456
Patent No. 6617110
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/721,456
FILING DATE: 22-No. 6617110-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 472:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..24
OTHER INFORMATION: /note= "slant1.2 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 472:
US-09-721-456-472

Query Match 0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 GGGAGCAGCTGCGGCGCT 249
DB 24 GGGTCAGCTGCGGAGCT 6

RESULT 650
US-08-208-486-79
Sequence 79, Application US/08208486
Patent No. 5389531
GENERAL INFORMATION:
APPLICANT: Ico, Junetsu
TITLE OF INVENTION: METHODS TO REPLICATE DNA IN VITRO USING
TITLE OF INVENTION: FROD-CATALYZED DNA REPLICATION SYSTEMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cahill, Sutton & Thomas
STREET: 155 Park One, 2141 E. Highland Ave.
CITY: Phoenix
STATE: Arizona
COUNTRY: U.S.A.
ZIP: 85016
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb
COMPUTER: Packard Bell (IBM PC/AT compatible)
OPERATING SYSTEM: MS-Dos, Version 5.0
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/208,486
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/869,916
FILING DATE: April 14, 1992
APPLICATION NUMBER: Japan 240525/91
FILING DATE: August 26, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janelle Faunce Raupp
REGISTRATION NUMBER: 30,485
REFERENCE/DOCKET NUMBER: #3954-A-7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (602) 956-7000
TELEFAX: (602) 495-9475
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)
US-08-208-486-79

Query Match 0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.7e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAGAAAAA 4038
||||| | ||||| | ||||| |||

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

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RESULT 651
US-09-244-794A-8
; Sequence 8, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-794A-8
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Query Match 0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAGAAACCAA 4038
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

```
RESULT 652
US-09-007-005-8
; Sequence 8, Application US/09007005B
; Patent No. 6238558
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350003
; CURRENT APPLICATION NUMBER: US/09/007,005B
; CURRENT FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-007-005-8
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Query Match 0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAGAAACCAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

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RESULT 653
US-09-247-190-8
; Sequence 8, Application US/09247190
; Patent No. 6261804
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/247,190
; CURRENT FILING DATE: 1999-02-09
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-247-190-8
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Query Match 0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAGAAACCAA 4038
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

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RESULT 654
US-09-244-796-8
; Sequence 8, Application US/09244796
; Patent No. 6281344
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-796-8
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Query Match 0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;

Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 655

US-09-238-710-8
; Sequence 8, Application US/09238710A
; Patent No. 6518018
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rih
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350004
; CURRENT APPLICATION NUMBER: US/09/238,710A
; EARLIER FILING DATE: 1999-01-28
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-238-710-8

Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 656

US-09-282-734-3
; Sequence 3, Application US/09282734A
; Patent No. 6537749
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; EARLIER FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-09-282-734-3

Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 657

US-08-400-275-13/c
; Sequence 13, Application US/08400275
; Patent No. 5668295
; GENERAL INFORMATION:
; APPLICANT: Mahab, Samir Z.
; APPLICANT: Malik, Vedpal S.
; TITLE OF INVENTION: PUTRESCINE N-METHYLTRANSFERASE,
; TITLE OF INVENTION: RECOMBINANT DNA MOLECULES ENCODING PUTRESCINE
; TITLE OF INVENTION: N-METHYLTRANSFERASE, AND TRANSGENIC TOBACCO PLANTS WITH
; TITLE OF INVENTION: ALTERED NICOTINE CONTENT
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Neave
; STREET: 1251 Ave. of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/400,275
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/076,681
; FILING DATE:
; APPLICATION NUMBER: US 07/613,160
; FILING DATE: 14-NOV-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Creason, Gary L.
; REGISTRATION NUMBER: 34,310
; REFERENCE/DOCKET NUMBER: PM-1696
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-596-9000
; TELEFAX: 212-596-9090
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: YES
; ANTI-SENSE: NO
US-08-400-275-13

Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAAAACAA 4038

Db 27 AAAAAAAAAAAAAAAAAAGATTCAAA 1

RESULT 658

US-08-910-632-6/c
; Sequence 6, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220,00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; CURRENT FILING DATE: 1997-08-13

EARLIER APPLICATION NUMBER: 08/805,631
EARLIER FILING DATE: 1997-02-26
EARLIER APPLICATION NUMBER: 08/393,439
EARLIER FILING DATE: 1995-02-23
EARLIER APPLICATION NUMBER: 08/047,860
EARLIER FILING DATE: 1993-04-15
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 6
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: multimer
US-08-910-632-6

Query Match 0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAAAACAA 4038
Db 27 AAAAAAAAAACAAAAAAAAAAAAA 1

RESULT 659
US-08-805-631A-6/c
Sequence 6, Application US/08805631A
Patent No. 6096880
GENERAL INFORMATION:
APPLICANT: UNIVERSITY OF ROCHESTER
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
STREET: 119 No. 6096880th Fourth Street, Suite 201
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/805,631A
FILING DATE: 26-FEB-97
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 220,00010140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-805-631A-6
Query Match 0.2%; Score 15.8; DB 1; Length 29;

Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAAAACAA 4038
Db 27 AAAAAAAAAACAAAAAAAAAAAAA 1

RESULT 660
US-09-569-344-6/c
Sequence 6, Application US/09569344
Patent No. 6368802
GENERAL INFORMATION:
APPLICANT: UNIVERSITY OF ROCHESTER
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
STREET: 119 No. 6368802th Fourth Street, Suite 201
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/569,344
FILING DATE: 11-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/805,631
FILING DATE: 26-FEB-97
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 220,00010140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-569-344-6
Query Match 0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAAAACAA 4038
Db 27 AAAAAAAAAACAAAAAAAAAAAAA 1

RESULT 661
US-09-648-040-4
Sequence 4, Application US/09648040
Patent No. 643665
GENERAL INFORMATION:
APPLICANT: Robert G. Kuimelis
TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO

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; TITLE OF INVENTION: TRANSLATED PROTEINS
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/09/648,040
; CURRENT FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/151,261
; PRIOR FILING DATE: 1999-08-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-09-648-040-4

Query Match          0.2%; Score 15.8; DB 1; Length 30;
Best Local Similarity 71.4%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 662
US-09-725-265-9/c
; Sequence 9, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOTAMA, OSAKU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 19953USOXDV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9

Query Match          0.2%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 1.9e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAAACAAA 4038
Db 30 AAAAAAAAAAAAAAAAAAAATATA 4

RESULT 663
US-09-750-401-10/c
; Sequence 10, Application US/09750401
; Patent No. 6635422

; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of GADD45
US-09-750-401-10

Query Match          0.2%; Score 15.8; DB 1; Length 32;
Best Local Similarity 74.1%; Pred. No. 2.1e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAGAGAAACAAA 4038
Db 29 AAGACCAAAAAAAAAAAAAAAAAA 3

RESULT 664
5478746-1
; Patent No. 5478746
; APPLICANT: COHEN, JEFFREY I.; PORCELL, ROBERT H.; FEINSTONE,
; STEPHEN M.; TICEHURST, JOHN R.
; TITLE OF INVENTION: CDNA ENCODING ATTENUATED CELL CULTURE
; ADAPTED HEPATITIS A VIRUS GENOME
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/120,646
; FILING DATE: 13-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 789,640
; FILING DATE: 12-NOV-1991
; APPLICATION NUMBER: 462,916
; FILING DATE: 12-JAN-1990
; APPLICATION NUMBER: 88,220
; FILING DATE: 24-AUG-1987
; APPLICATION NUMBER: 905,146
; FILING DATE: 09-SEP-1986
; APPLICATION NUMBER: 652,067
; FILING DATE: 19-SEP-1984
; APPLICATION NUMBER: 366,165
; FILING DATE: 07-APR-1982
; SEQ ID NO:1
; LENGTH: 33
5478746-1

Query Match          0.2%; Score 15.8; DB 1; Length 33;
Best Local Similarity 74.1%; Pred. No. 2.2e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGAAACAAA 4037
Db 2 TAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 665
US-08-937-067-17
; Sequence 17, Application US/08937067
; Patent No. 6433155
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil
```



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? APPLICANT: Melkonyan, Hovsep
? TITLE OF INVENTION: A FAMILY OF GENES ENCODING
? TITLE OF INVENTION: APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
? TITLE OF INVENTION: METHODS OF USE THEREOF
? NUMBER OF SEQUENCES: 19
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: MORRISON & FOERSTER
? STREET: 755 Page Mill Road
? CITY: Palo Alto
? STATE: CA
? COUNTRY: USA
? ZIP: 94304-1018
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patentin Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/937,067
? FILING DATE:
? CLASSIFICATION: 536
? ATTORNEY/AGENT INFORMATION:
? NAME: Lehnhardt, Susan K.
? REGISTRATION NUMBER: 33,943
? REFERENCE/DOCKET NUMBER: 23647-20018.00
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (650) 813-5600
? TELEFAX: (650) 494-0792
? INFORMATION FOR SEQ ID NO: 17:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 17 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
US-08-937-067-17

Query Match      0.2%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      4468 TTTTNTTTTTTTTTTG 4484
Db       1 TTTTNTTTTTTTTTTNS 17
          |||||
          :

RESULT 666
US-08-056-200-35/c
Sequence 35, Application US/08056200
Patent No. 5616500
GENERAL INFORMATION:
APPLICANT: Steinert, Peter M.
APPLICANT: Lee, Seung-Chul
APPLICANT: Kim, In-Gyu
APPLICANT: Chung, Soo-Il
APPLICANT: Park, Sang-Chul
TITLE OF INVENTION: Trichhyalin and Transglutaminase-3 and
NUMBER OF INVENTION: Methods of Using Same
NUMBER OF SEQUENCES: 117
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/056,200
FILING DATE: 30-APR-1993

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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Pedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH054.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (714) 760-0404
TELEFAX: (714) 760-9502
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-056-200-35

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 6693 TATATATGGGGCTAGGCAAT 6714
Db 22 TGTATGTGGGCTTAGTCACT 1

RESULT 667
US-08-056-200-39
Sequence 39, Application US/08056200
Patent No. 5616500
GENERAL INFORMATION:
APPLICANT: Steinert, Peter M.
APPLICANT: Lee, Seung-Chul
APPLICANT: Kim, In-Gyu
APPLICANT: Chung, Soo-Il
APPLICANT: Park, Sang-Chul
TITLE OF INVENTION: Trichohyalin and Transglutaminase-3 and
NUMBER OF SEQUENCES: 117
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/056,200
FILING DATE: 30-Apr-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Pedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH054.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (714) 760-0404
TELEFAX: (714) 760-9502
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO

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US-08-056-200-39

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6693 TATATAGGGGCTTGAAG 6714
DB 1 TGTATGTGGGCTTGAAGT 22

RESULT 669

US-08-410-540-20/C
Sequence 20, Application US/08410540
Patent No. 5807678
GENERAL INFORMATION:
APPLICANT: Miller, Walter L.
APPLICANT: Lin, Dong
APPLICANT: Strause III, Jerome F.
TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
CITY: Palo Alto
STATE: CA
COUNTRY: US
ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,540
FILING DATE: 23-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Neeley, Richard L.
REGISTRATION NUMBER: 30,092
REFERENCE/DOCKET NUMBER: UCAL-238/00US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415 853 5070
TELEFAX: 415 857 0663
TELEX: 380816COOLEXP
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-410-540-20

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 984 CAAGAGATCAAGGCTTGAAG 1005
DB 22 CAAGGCAATCAAGGCTTGGAG 1

RESULT 669
US-08-499-899-1
Sequence 1, Application US/08499899
Patent No. 5814445
GENERAL INFORMATION:
APPLICANT: Belyavsky et al.
TITLE OF INVENTION: Method Of Identification And

TITLE OF INVENTION: Cloning Differentially Expressed
TITLE OF INVENTION: Messenger RNAs
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: USA
ZIP: 11753

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/499,899
FILING DATE: July 11, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: O'Dea, Sean W.
REGISTRATION NUMBER: 37690
REFERENCE/DOCKET NUMBER: 454-8
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-499-899-1

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4455 GGGAGGACCTTTTCTTTT 4476
DB 1 GGGAGGCCCTTTTCTTTT 22

RESULT 670
US-08-800-644-35/C
Sequence 35, Application US/08800644
Patent No. 5958752
GENERAL INFORMATION:
APPLICANT: Steinert, Peter M.
APPLICANT: Kim, In-Gyu
APPLICANT: Chung, Soo-Il
APPLICANT: Park, Sang-Chul
TITLE OF INVENTION: Trichomyalin and Transglutaminase-3 and
TITLE OF INVENTION: Methods of Using Same
NUMBER OF SEQUENCES: 117
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,644
FILING DATE: 14-FEB-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/056,200
FILING DATE: 30-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH054.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (714) 760-0404
TELEFAX: (714) 760-9502
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-800-644-35

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6693 TATATATGGGCGCTAGGCCAAT 6714
DB 22 TGTATGTGGGCGCTAGGTCAGT 1

RESULT 671
US-08-800-644-39
Sequence 39, Application US/08800644
Patent No. 5958752
GENERAL INFORMATION:
APPLICANT: Steinert, Peter M.
APPLICANT: Lee, Seung-Chul
APPLICANT: Kim, In-Gyu
APPLICANT: Chung, Soo-Il
APPLICANT: Park, Sang-Chul
TITLE OF INVENTION: Trichohyalin and Transeglutaminase-3 and
TITLE OF INVENTION: Methods of Using Same
NUMBER OF SEQUENCES: 117
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,644
FILING DATE: 14-FEB-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/056,200
FILING DATE: 30-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH054.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (714) 760-0404
TELEFAX: (714) 760-9502
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-800-644-39

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6693 TATATATGGGCGCTAGGCCAAT 6714
DB 1 TGTATGTGGGCGCTAGGTCAGT 22

RESULT 672
US-08-964-143-1
Sequence 1, Application US/08964143
Patent No. 6120996
GENERAL INFORMATION:
APPLICANT: Belyavsky et al.
TITLE OF INVENTION: Method Of Identification And
TITLE OF INVENTION: Cloning Differentially Expressed
TITLE OF INVENTION: Messenger RNAs
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: USA
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,143
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/499,899
FILING DATE: July 11, 1995
ATTORNEY/AGENT INFORMATION:
NAME: O'Dea, Sean W.
REGISTRATION NUMBER: 37690
REFERENCE/DOCKET NUMBER: 454-8
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-964-143-1

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4455 GGCATGACCTTTTCTTTT 4476
DB 1 GGCAGGCCCTTTTCTTTT 22

RESULT 673
US-09-344-667-43/C
Sequence 43, Application US/09344667A
Patent No. 6361944
GENERAL INFORMATION:

OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-693-352-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
|||||
DB 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 677
US-09-693-005A-43/c
Sequence 43, Application US/09693005A
Patent No. 6495324
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghamian, Robert
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-L
CURRENT APPLICATION NUMBER: US/09/693, 005A
CURRENT FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
US-09-693-005A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
|||||
DB 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 678
US-09-693-005A-46/c
Sequence 46, Application US/09693005A
Patent No. 6495324
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghamian, Robert
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-L
CURRENT APPLICATION NUMBER: US/09/693, 005A
CURRENT FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
US-09-693-005A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
|||||
DB 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 679
US-09-603-830-43/c
Sequence 43, Application US/09603830
Patent No. 6506564
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghamian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 4149-1-1-1-1
CURRENT APPLICATION NUMBER: US/09/603,830
CURRENT FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
US-09-603-830-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
|||||
DB 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 680

```

US-09-603-830-46/c
; Sequence 46, Application US/09603830
; Patent No. 6506564
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 4149-1-1-1
; CURRENT APPLICATION NUMBER: US/09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-603-830-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
      ||||| ||||| ||||| |||||
DB      22 TTTT TTTT TTTT TTTT TACGAT GTGAGA 1

RESULT 681
US-09-687-910-4/c
; Sequence 4, Application US/09687910
; Patent No. 6509157
; GENERAL INFORMATION:
; APPLICANT: Roche Molecular Systems
; TITLE OF INVENTION: 3' BLOCKED NUCLEIC ACID AMPLIFICATION PRIMERS
; FILE REFERENCE: 1072
; CURRENT APPLICATION NUMBER: US/09/687,910
; CURRENT FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/163,890
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Description of synthetic construct: HIV-1 primer
US-09-687-910-4

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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Oy      1969  CAACAGCCAGGATATTCCTGG  1990
          |||||  |||||  |||||  |||||
Db      22  CACAGGAGTGCATTCTCTGG  1

RESULT 682
US-09-976-978A-43/c
; Sequence 43, Application US/09976978A
; Patent No. 6532897
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,978A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-978A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      4471  TTTT TTTT TTTT TTTT GTC TGGAGA  4492
          |||||  |||||  |||||  |||||
Db      22  TTTT TTTT TTTT TTTT TACGAGTTGAGA  1

RESULT 683
US-09-976-978A-46/c
; Sequence 46, Application US/09976978A
; Patent No. 6532097
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,978A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-978A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      4471  TTTT TTTT TTTT TTTT GTC TGGAGA  4492
          |||||  |||||  |||||  |||||
Db      22  TTTT TTTT TTTT TTTT TACGAGTTGAGA  1

```

```
;; PRIOR APPLICATION NUMBER: 09/240,755
;; PRIOR FILING DATE: 1999-01-29
;; PRIOR APPLICATION NUMBER: PCT/US97/12783
;; PRIOR FILING DATE: 1997-07-21
;; PRIOR APPLICATION NUMBER: 60/031,809
;; PRIOR FILING DATE: 1996-07-29
;; PRIOR APPLICATION NUMBER: 60/200,161
;; PRIOR FILING DATE: 2000-04-26
;; NUMBER OF SEQ ID NOS: 64
;; SOFTWARE: Microsoft Word 2000
;; SEQ ID NO 46
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-978A-46
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTTGTCTGCTGAGA 4492
Db      22 TTTTGTCTGCTGAGA 1
```

```
RESULT 684
US-09-961-949A-43/C
;; Sequence 43, Application US/09961949A
;; Patent No. 6582921
;; GENERAL INFORMATION:
;; APPLICANT: Mirkin, Chad A.
;; APPLICANT: Letsinger, Robert L.
;; APPLICANT: Mucic, Robert C.
;; APPLICANT: Storchoff, James J.
;; APPLICANT: Elghariani, Robert
;; APPLICANT: Taton, Thomas A.
;; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
;; FILE REFERENCE: 00-713-11
;; CURRENT APPLICATION NUMBER: US/09/961,949A
;; PRIOR FILING DATE: 2001-09-20
;; PRIOR APPLICATION NUMBER: 09/603,830
;; PRIOR FILING DATE: 2000-06-26
;; PRIOR APPLICATION NUMBER: 09/344,667
;; PRIOR FILING DATE: 1999-06-25
;; PRIOR APPLICATION NUMBER: 09/240,755
;; PRIOR FILING DATE: 1999-01-29
;; PRIOR APPLICATION NUMBER: PCT/US97/12783
;; PRIOR FILING DATE: 1997-07-21
;; PRIOR APPLICATION NUMBER: 60/031,809
;; PRIOR FILING DATE: 1996-07-29
;; PRIOR APPLICATION NUMBER: 60/200,161
;; PRIOR FILING DATE: 2000-04-26
;; NUMBER OF SEQ ID NOS: 64
;; SOFTWARE: Microsoft Word 2000
;; SEQ ID NO 43
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-961-949A-43
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTTGTCTGCTGAGA 4492
Db      22 TTTTGTCTGCTGAGA 1
```

```
Db      22 TTTTGTCTGCTGAGA 1
```

```
RESULT 685
US-09-961-949A-46/C
;; Sequence 46, Application US/09961949A
;; Patent No. 6582921
;; GENERAL INFORMATION:
;; APPLICANT: Mirkin, Chad A.
;; APPLICANT: Letsinger, Robert L.
;; APPLICANT: Mucic, Robert C.
;; APPLICANT: Storchoff, James J.
;; APPLICANT: Elghariani, Robert
;; APPLICANT: Taton, Thomas A.
;; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
;; FILE REFERENCE: 00-713-11
;; CURRENT APPLICATION NUMBER: US/09/961,949A
;; PRIOR FILING DATE: 2001-09-20
;; PRIOR APPLICATION NUMBER: 09/603,830
;; PRIOR FILING DATE: 2000-06-26
;; PRIOR APPLICATION NUMBER: 09/344,667
;; PRIOR FILING DATE: 1999-06-25
;; PRIOR APPLICATION NUMBER: 09/240,755
;; PRIOR FILING DATE: 1999-01-29
;; PRIOR APPLICATION NUMBER: PCT/US97/12783
;; PRIOR FILING DATE: 1997-07-21
;; PRIOR APPLICATION NUMBER: 60/031,809
;; PRIOR FILING DATE: 1996-07-29
;; PRIOR APPLICATION NUMBER: 60/200,161
;; PRIOR FILING DATE: 2000-04-26
;; NUMBER OF SEQ ID NOS: 64
;; SOFTWARE: Microsoft Word 2000
;; SEQ ID NO 46
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-961-949A-46
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTTGTCTGCTGAGA 4492
Db      22 TTTTGTCTGCTGAGA 1
```

```
RESULT 686
US-09-966-491A-43/C
;; Sequence 43, Application US/09966491A
;; Patent No. 6610491
;; GENERAL INFORMATION:
;; APPLICANT: Mirkin, Chad A.
;; APPLICANT: Letsinger, Robert L.
;; APPLICANT: Mucic, Robert C.
;; APPLICANT: Storchoff, James J.
;; APPLICANT: Elghariani, Robert
;; APPLICANT: Taton, Thomas A.
;; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
;; FILE REFERENCE: 00-713-14
;; CURRENT APPLICATION NUMBER: US/09/966,491A
;; PRIOR FILING DATE: 2002-03-12
;; PRIOR APPLICATION NUMBER: 09/603,830
;; PRIOR FILING DATE: 2000-06-26
;; PRIOR APPLICATION NUMBER: 09/344,667
;; PRIOR FILING DATE: 1999-06-25
;; PRIOR APPLICATION NUMBER: 09/240,755
;; PRIOR FILING DATE: 1999-01-29
```

```

; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-491A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTTCTGAGA 4492
DB      22 TTTTCTTTTACGAGTTGAGA 1

RESULT 687
US-09-966-491A-46/c
; Sequence 46, Application US/09966491A
; Patent No. 6610491
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT APPLICATION NUMBER: US/09/966,491A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-491A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTTCTGAGA 4492
DB      22 TTTTCTTTTACGAGTTGAGA 1
```

```

RESULT 688
US-09-611-627-49/c
; Sequence 49, Application US/09611627
; Patent No. 6623920
; GENERAL INFORMATION:
; APPLICANT: BEB, Gary G.
; APPLICANT: YANG, Yeasing Y.
; APPLICANT: KOLK, Dan
; APPLICANT: GIACCHETTI, Cristina
; APPLICANT: McDONOUGH, Sherol H.
; TITLE OF INVENTION: DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: GP103-02.U7
; CURRENT APPLICATION NUMBER: US/09/611,627
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,072
; PRIOR FILING DATE: 1999-07-09
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-611-627-49

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4306 TTCCTTCCCTGAGTCCTC 4327
DB      22 TTCCTTCCCTGAGTCCTC 1

RESULT 689
US-09-957-313A-43/c
; Sequence 43, Application US/09957313A
; Patent No. 6645721
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
```



```
OTHER INFORMATION: synthetic sequence
US-09-957-313A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTGCTGAGA 4492
      22 TTTTCTTTTCTGCTGAGA 1

RESULT 690
US-09-957-313A-46/C
Sequence 46; Application US/09957313A
Patent No. 6645721
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchhoff, James J.
APPLICANT: Elshanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-13
CURRENT APPLICATION NUMBER: US/09/957,313A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-957-313A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTGCTGAGA 4492
      22 TTTTCTTTTCTGCTGAGA 1

RESULT 691
US-09-966-312-43/C
Sequence 43; Application US/09966312
Patent No. 6673548
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchhoff, James J.
APPLICANT: Elshanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
```

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FILE REFERENCE: 00-713-15
CURRENT APPLICATION NUMBER: US/09/966,312
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-966-312-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTTCTGCTGAGA 4492
      22 TTTTCTTTTCTGCTGAGA 1

RESULT 692
US-09-966-312-46/C
Sequence 46; Application US/09966312
Patent No. 6673548
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchhoff, James J.
APPLICANT: Elshanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-15
CURRENT APPLICATION NUMBER: US/09/966,312
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-966-312-46
```

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 693

US-09-975-062A-43/C
Sequence 43, Application US/09975062A
Patent No. 6677122
GENERAL INFORMATION:
APPLICANT: Mitkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchhoff, James J.
APPLICANT: Bighanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-111
CURRENT APPLICATION NUMBER: US/09/975,062A
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-062A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 694

US-09-975-062A-46/C
Sequence 46, Application US/09975062A
Patent No. 6677122
GENERAL INFORMATION:
APPLICANT: Mitkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchhoff, James J.
APPLICANT: Bighanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-111
CURRENT APPLICATION NUMBER: US/09/975,062A

CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-062A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAGTTGAGA 1

RESULT 695

US-09-976-971A-43/C
Sequence 43, Application US/09976971A
Patent No. 6682895
GENERAL INFORMATION:
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchhoff, James J.
APPLICANT: Bighanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-118
CURRENT APPLICATION NUMBER: US/09/976,971A
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-976-971A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;

Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAGTT GAGA 1

RESULT 696
US-09-976-971A-46/c
Sequence 46, Application US/09976971A
Patent No. 6682895
GENERAL INFORMATION:
APPLICANT: Minkin, Chad A.
APPLICANT: Leibinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchhoff, James J.
APPLICANT: Elghamian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-118
CURRENT APPLICATION NUMBER: US/09/976,971A
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 46
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-976-971A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db 22 TTTT TTTT TTTT TTTT TACGAGTT GAGA 1

RESULT 697
US-08-025-038-2/c
Sequence 2, Application US/08025038
Patent No. 5545526
GENERAL INFORMATION:
APPLICANT: BAXTER-LOWE, Lee-Ann
TITLE OF INVENTION: Method for HLA Typing
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 777 E. Wisconsin Avenue
CITY: Milwaukee
STATE: Wisconsin
COUNTRY: USA
ZIP: 53202-5367
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/025,038
FILING DATE: 19930301
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/544,218
FILING DATE: 27-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Philip G.
REGISTRATION NUMBER: 30,478
REFERENCE/DOCKET NUMBER: 204 854
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414)289-3761
TELEFAX: (414)289-3791
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-08-025-038-2

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAAGCTTCACAGACGAGCTGCG 1631
Db 22 AGAGCTTCACAGTGCAGCGGCG 1

RESULT 698
US-08-484-557C-13
Sequence 13, Application US/08484557C
Patent No. 5693502
GENERAL INFORMATION:
APPLICANT: LARRY GOLD
APPLICANT: SUMEDHA JAYASENA
TITLE OF INVENTION: NUCLEIC ACID LIGAND
TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson and Bratschun, L.L.C.
STREET: 8400 East Prentice Avenue, Suite 200
CITY: Denver
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
MEDIUM TYPE: storage.
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,557C
FILING DATE: 7-JUNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/964,624
FILING DATE: 21-OCTOBER-1992
ATTORNEY/AGENT INFORMATION:
NAME: Diane Cruz
REGISTRATION NUMBER: 33,960

REFERENCE/DOCKET NUMBER: NEX43-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-484-557C-13

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4458 ATGAGCTTTTGTGTTGTTT 4479
Db 1 ATGCTTTTGTGTTGTTGTTT 22

RESULT 699
US-08-487-426B-13
Sequence 13, Application US/08487426B
Patent No. 5763173
GENERAL INFORMATION:
APPLICANT: LARRY GOLD
APPLICANT: SUMEDHA JAYASENA
TITLE OF INVENTION: NUCLEIC ACID LIGAND
TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson and Bratechun, L.L.C.
STREET: 8400 East Prentice Avenue, Suite 200
CITY: Denver
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,426B
FILING DATE: 7-JUNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/964,624
FILING DATE: 21-OCTOBER-1992
ATTORNEY/AGENT INFORMATION:
NAME: Diane Cruz
REGISTRATION NUMBER: 33,960
REFERENCE/DOCKET NUMBER: NEX43-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-487-426B-13

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4458 ATGAGCTTTTGTGTTGTTT 4479
Db 1 ATGCTTTTGTGTTGTTGTTT 22

RESULT 700
US-08-659-605A-19/C
Sequence 19, Application US/08659605A
Patent No. 5780233
GENERAL INFORMATION:
APPLICANT: Guo, Zhen
APPLICANT: Smith, Lloyd M
TITLE OF INVENTION: Artificial Mismatch Hybridization
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 1 South Pinckney St.
CITY: Madison
STATE: WI
COUNTRY: US
ZIP: 53703
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,605A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berson, Bennett J
REGISTRATION NUMBER: 37094
REFERENCE/DOCKET NUMBER: 960296.93901
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-08-659-605A-19

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1610 AGAAGCTTCAAGACGAGCTGCG 1631
Db 22 AGAGCTTCAAGTGCAGCGCG 1

RESULT 701
US-08-450-945-52/C
Sequence 52, Application US/08450945
Patent No. 5783383
GENERAL INFORMATION:
APPLICANT: Kondo, Kazuhiro
APPLICANT: Mocaraki, Edward S. Jr.
TITLE OF INVENTION: LATENT TRANSCRIPTS AND PROMOTERS
TITLE OF INVENTION: OF CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates

STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,945
FILING DATE: 23-MAY-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 8600-0157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: mRNA to cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 3' end sequence of PON225
FEATURE:
NAME/KEY: misc_feature
LOCATION: 0..1
OTHER INFORMATION: /note= "between 0 and 1, ""
FEATURE:
NAME/KEY: misc_feature
LOCATION: 23...
OTHER INFORMATION: /note= "after 23, ""
US-08-450-945-52

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5467 CTCTGATTTTGTAAAGA 5488
DB 22 CTCGATTCCTGTAAAAA 1

RESULT 702
US-08-487-720A-13
Sequence 13, Application US/08487720A
Patent No. 5874557
GENERAL INFORMATION:
APPLICANT: LARRY GOLD
APPLICANT: SUMEDHA JAYASENA
TITLE OF INVENTION: NUCLEIC ACID LIGAND
TITLE OF INVENTION: INHIBITORS TO DNA POLYMERASES
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson and Bratschun, L.L.C.
STREET: 8400 East Prentice Avenue, Suite 200
CITY: Denver
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
OPERATING SYSTEM: IBM Compatible
SOFTWARE: MS-DOS

SOFTWARE: WordPerfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,720A
FILING DATE: 7-JUNE-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/964,624
FILING DATE: 21-OCTOBER-1992
ATTORNEY/AGENT INFORMATION:
NAME: Diane Cruz
REGISTRATION NUMBER: 33,960
REFERENCE/DOCKET NUMBER: NEX43-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-487-720A-13

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4458 ATGACTTTTGTGTTT 4479
DB 1 ATGCTTTTGTGTTGTTT 22

RESULT 703
US-08-637-115-3/C
Sequence 3, Application US/08637115
Patent No. 5994064
GENERAL INFORMATION:
APPLICANT: STAUB, RICK
APPLICANT: CARRICO, MICHAEL
TITLE OF INVENTION: SIMPLE AND COMPLEX TANDEM REPEATS WITH DNA TYPING METH
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Baker & Botts, L.L.P.
STREET: 910 Louisiana
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77002-4995
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/637,115
FILING DATE: 24-APR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Tuttle, Patrick
REGISTRATION NUMBER: 35723
REFERENCE/DOCKET NUMBER: 062481, 0101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-229-1791

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TELEFAX: 713-229-1522
TEXT:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-637-115-3

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. NO. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      4464 TTTTGTGTTTTGGTTCG 4485
        |||||
Db       23 TGTTGTTTGTTTGGTTTGT 2

RESULT 704
US-08-976-161-52/C
Sequence 52, Application US/08976161
Patent No. 6194542
GENERAL INFORMATION:
APPLICANT: Kondo, Kazuhiko
APPLICANT: Mocareki, Edward S. Jr.
TITLE OF INVENTION: LATENT TRANSCRIPTS AND PROMOTERS
NUMBER OF INVENTIONS: OF CYTOMEGALOVIRUS
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/976,161
PILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/450,945
PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 8600-0157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: mRNA to cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 3' end sequence of PON2225
FEATURE:
NAME/KEY: misc_feature
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; LOCATION: 0..1
; OTHER INFORMATION: /note= "between 0 and 1, "...""
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23...
; OTHER INFORMATION: /note= "after 23, "...""
US-08-976-161-52

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 5467 CTCGATTTTGTGTAAGA 5488
Db 22 CTCGATTCCTGTAAGAAA 1

RESULT 705
US-09-338-907-461
; Sequence 461, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyu, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 461
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..23
; OTHER INFORMATION: microsequencing oligo for 4-60-293.mis1
US-09-338-907-461

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 3959 ATGTTCAATATTTCTTAAGT 3980
Db 1 AAGTTCAATATTTCTTAAGT 22

RESULT 706
US-09-282-147-30
; Sequence 30, Application US/09282147
; Patent No. 6274147
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram
; APPLICANT: YAO, Kun
; TITLE OF INVENTION: METHOD FOR GENERATING NONPATHOGENIC, INFECTIOUS
; TITLE OF INVENTION: PANCREATIC NECROSIS VIRUS (IPNV) FROM SYNTHETIC RNA
; TITLE OF INVENTION: TRANSCRIPTS
; FILE REFERENCE: 8288-9023
; CURRENT APPLICATION NUMBER: US/09/282,147
; CURRENT FILING DATE: 1999-03-31
; EARLIER APPLICATION NUMBER: US/60/080,278
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: PCT/US97/12955

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EARLIER FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 30
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-282-147-30

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2898 GTAGATGCTTGTCTTCT 2919
DB 1 GTAGATGCTTGTCTTCT 22

RESULT 707
US-09-218-207-461
Sequence 461, Application US/09218207
Patent No. 6346381
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET 018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 461
LENGTH: 23
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: mlec_feature
LOCATION: 1..23
OTHER INFORMATION: microsequencing oligo for 4-60-293.m161
US-09-218-207-461

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3959 ATGTTCAATATTTCTTACTG 3980
DB 1 AAGTTCAATATTTCTTACTG 22

RESULT 708
US-09-395-604A-3/C
Sequence 3, Application US/09395604A
Patent No. 643837
GENERAL INFORMATION:
APPLICANT: Staub, Rick W.
APPLICANT: Carrico, Michael M.
TITLE OF INVENTION: METHODS OF DNA TYPING WITH TANDEM
TITLE OF INVENTION: REPEATS
FILE REFERENCE: 062481.0107
CURRENT APPLICATION NUMBER: US/09/395,604A
CURRENT FILING DATE: 1999-09-14
PRIOR APPLICATION NUMBER: 08/637,115
PRIOR FILING DATE: 1996-04-24
NUMBER OF SEQ ID NOS: 37

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer for D22S683
US-09-395-604A-3

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTGTGTGTGTGTGTGTGTGT 4485
DB 23 TTTTGTGTGTGTGTGTGTGT 2

RESULT 709
US-08-650-965-4/C
Sequence 4, Application US/08650965
Patent No. 6503707
GENERAL INFORMATION:
APPLICANT: BAXTER-LOWE, Lee-Ann
TITLE OF INVENTION: METHOD FOR GENETIC TYPING
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 777 E. Wisconsin Avenue
CITY: Milwaukee
STATE: Wisconsin
COUNTRY: USA
ZIP: 53202-5367
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,965
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/142,214
FILING DATE:
APPLICATION NUMBER: US 08/025,038
FILING DATE: 01-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/057,957
FILING DATE: 08-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/544,218
FILING DATE: 27-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Philip G.
REGISTRATION NUMBER: 30,478
REFERENCE/DOCKET NUMBER: 54760/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 289-3761
TELEFAX: (414) 289-3791
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: PCR 5
US-08-650-965-4

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAAGCTTCACAGCGAGCTGG 1631
| | | | | | | | | | | | | | | | | |
Db 22 AGAGCTTCACAGCGAGCTGG 1

RESULT 710
US-09-687-910-3/c
; Sequence 3, Application US/09687910
; Patent No. 6509157
; GENERAL INFORMATION:
; APPLICANT: Roche Molecular Systems
; TITLE OF INVENTION: 3' BLOCKED NUCLEIC ACID AMPLIFICATION PRIMERS
; FILE REFERENCE: 1072
; CURRENT APPLICATION NUMBER: US/09/687,910
; PRIORITY FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/163,890
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1..7)
; OTHER INFORMATION: Description of synthetic construct: HIV-1 primer
US-09-687-910-3

Query Match 0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1969 CAACAGCCAGTGAATTCCTGG 1990
| | | | | | | | | | | | | | | | | |
Db 22 CAACAGGAGTGACATGCTGG 1

RESULT 711
US-08-014-943A-11
; Sequence 11, Application US/08014943A
; Patent No. 5545551
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; TITLE OF INVENTION: Cloning And Expression Of Pur Protein
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/014,943A
; FILING DATE: 02/FEB/1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-033
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIN
; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-014-943A-11

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6452 TGTGTTGGATCTTTT 6473
| | | | | | | | | | | | | | | | | |
Db 3 TTTTGGAGGCTTTT 24

RESULT 712
US-08-486-421-46
; Sequence 46, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIN
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-486-421-46

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6452 TGTGTTGGATCTTTT 6473
| | | | | | | | | | | | | | | | | |
Db 3 TTTTGGAGGCTTTT 24

RESULT 713
US-08-411-796-187/c

Sequence 187, Application US/08411796
Patent No. 5677149
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
APPLICANT: Bauer, S. C.
APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Maïre H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKeown, John P.
APPLICANT: Olin, Peter O.
APPLICANT: Polak, Kuman
APPLICANT: Polazzi, Joseph O.
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
NUMBER OF SEQUENCES: 549
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
ADDRESSEE: Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/411,796
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981044
FILING DATE: 24-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11198
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C2713/1
TELEPHONE: (708)470-6501
TELEFAX: (708)470-6501
INFORMATION FOR SEQ ID NO: 187:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-411-796-187
Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,911
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-470-911-46

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6452 TGTTCGATCTTTTTC 6473
Db 3 TTTTTCGAGGCTTTTTC 24

RESULT 715
US-08-662-335A-1
Sequence 1, Application US/08662335A
Patent No. 5792613
GENERAL INFORMATION:
APPLICANT: Schmidt, Francis J.
TITLE OF INVENTION: METHOD FOR OBTAINING
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schweigman, Lundberg, Woessner & Kluth, P.A.
STREET: P.O. Box 2938
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/662,335A
FILING DATE: 12-JUN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: No. 5792613e
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Woessner, Warren D
REGISTRATION NUMBER: 30,440

```
REFERENCE/DOCKET NUMBER: 423.001US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-339-0331
TELEFAX: 612-339-3061
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
US-08-662-335A-1

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 68.2%; Pred. No. 1.5e+03;
Matches 15; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      3806 CTCGAGCTGCTGATGACAG 3827
DB      2 CACGUGCTUCUGAUGCCCG 23

RESULT 716
US-08-808-474A-8/C
Sequence 8, Application US/08808474A
Patent No. 5856103
GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas
STATE: Texas
COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDL:001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-808-474A-8

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5327 TCTCTTGGCTGACTCTCTC 5348
DB      23 TCTCTCTCTCTCTCTCTCTC 2

RESULT 717
```

```
US-08-808-474A-11/C
Sequence 11, Application US/08808474A
Patent No. 5856103
GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas
STATE: Texas
COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDL:001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-808-474A-11

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5327 TCTCTTGGCTGACTCTCTC 5348
DB      23 TCTCTCTCTCTCTCTCTCTC 2

RESULT 718
US-08-486-809-46
Sequence 46, Application US/08486809
Patent No. 5863622
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edwards
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-809-46

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6452 TGTGTTGGATGCTTTT 6473
Db 3 TTTTTCGAGGCTTTT 24

RESULT 719
US-08-859-998-893/c
Sequence 893, Application US/08859998
Patent No. 5994076
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Johndaze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 893:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-08-859-998-893

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1640 CCAAGATCGCGGATGCTT 1661
Db 23 CCAAGTTCCTGGATGCTGT 2

RESULT 720
US-08-924-695A-22/c
Sequence 22, Application US/08924695A
Patent No. 5998583
GENERAL INFORMATION:
APPLICANT: KORSMEYER, STANLEY J.
TITLE OF INVENTION: BH3 INTERACTING DOMAIN DEATH AGONIST
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORESYTH BLVD., SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,695A
FILING DATE: 09-SEP-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971798
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-924-695A-22

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 645 CCTGCTCAGCGCGGATCCCT 666
Db 22 CCAAGGCGAGTGGCCAGGTCCCT 1

RESULT 721
US-08-471-039-187/c
Sequence 187, Application US/08471039
Patent No. 6017523
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
APPLICANT: Bauer, S. C.
APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Maire H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.

```

; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,039
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-471-039-187

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      48 CCGCGCGCGGCGGAGGCTGC 69
DB      24 CAGGAGCGGCGGCGGCTGC 3

RESULT 722
; US-08-624-290B-9/C
; Sequence 9, Application US/08624290B
; Patent No. 6017699
; GENERAL INFORMATION:
; APPLICANT: JORDAN, JEANNE A.
; TITLE OF INVENTION: PCR IDENTIFICATION AND
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PILLSBURY, MADISON & SUTRO, L.L.P.
; STREET: 1100 NEW YORK AVE., N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/624,290B
; FILING DATE: 03-MARCH-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BIRD, DONALD J.
; REGISTRATION NUMBER: 25,323
; REFERENCE/DOCKET NUMBER: DJB/60295/213970/MKT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-861-3000
; TELEFAX: 202-822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-624-290B-9

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5793 TGGCTGCTGCTGCTGCTGCTG 5814
DB      22 TGTCTGTGTGTGTGTGTGTG 1

RESULT 723
; US-09-235-614-8/C
; Sequence 8, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; TITLE OF INVENTION: SEQUENCES FOR SELECTIVELY RANKING
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 8
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
; US-09-235-614-8

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5327 TCTCTCTTGGCTCAGCTCTCTC 5348
DB      23 TCTCTCTCTCTCTCTCTCTC 2

RESULT 724
; US-09-235-614-9
; Sequence 9, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
```

APPLICANT: CLARK, CHRISTOPHER L.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
FILE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 91556/66384
CURRENT APPLICATION NUMBER: US/09/225,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA
US-09-235-614-9

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 5327 TCTCTCTTGGCTGCTCTCTC 5348
Db 2 TCTCTCTCTCTCTCTCTCTC 23

RESULT 725
US-09-463-702A-8/c
Sequence 8, Application US/09463702A
Patent No. 6335435
GENERAL INFORMATION:
APPLICANT: AGENE Research Institute, Co., Ltd.
APPLICANT: HIRAKI AND ASSOCIATES
APPLICANT: SHIMAMOTO, AKIRO
APPLICANT: KITAO, SAORI
APPLICANT: FURUICHI, YASUHIRO
TITLE OF INVENTION: HUMAN GENE RECO4 ENCODING HELICASE
FILE REFERENCE: HIRAI1150
CURRENT APPLICATION NUMBER: US/09/463,702A
CURRENT FILING DATE: 2000-01-24
PRIOR APPLICATION NUMBER: PCT/J998/03114
PRIOR FILING DATE: 1998-07-10
PRIOR APPLICATION NUMBER: JAPAN 9/200387
PRIOR FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
LENGTH: 24
TYPE: DNA
ORGANISM: ARTIFICIAL
FEATURE:
OTHER INFORMATION: PRIMERS FOR SEQUENCING
US-09-463-702A-8

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 3173 TTGGGTTTACTTTAGATG 3194
Db 23 TTGGGGTGATGCTTAGATG 2

RESULT 726
US-09-225-928-893/c
Sequence 893, Application US/09225928
Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Johndaze, George

Biblashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: PASEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 893:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 893:
US-09-225-928-893

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1640 CCAAGATGGGGGATGCTAT 1661
Db 23 CCAAGTTGCTGGATGCTCT 2

RESULT 727
US-09-487-130-1
Sequence 1, Application US/09487130
Patent No. 6362322
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHIM, GHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEN-PAIRED
FILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic

OTHER INFORMATION: nucleic acid
US-09-487-130-1

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGCCCTCACTCTCTC 5348
DB 2 TCTCTCTCTCTCTCTCTCTC 23

RESULT 728

US-09-487-130-2/c
Sequence 2, Application US/09487130
Patent No. 6362322
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEN, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEEN-PAIRED
TITLE OF INVENTION: DUPLEX
FILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentln Ver. 2.1
SEQ ID NO 2
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-487-130-2

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGCCCTCACTCTCTC 5348
DB 23 TCTCTCTCTCTCTCTCTCTC 2

RESULT 729
US-09-487-130-3
Sequence 3, Application US/09487130
Patent No. 6362322
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEN, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEEN-PAIRED
TITLE OF INVENTION: DUPLEX
FILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentln Ver. 2.1
SEQ ID NO 3
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-487-130-3

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGCCCTCACTCTCTC 5348
DB 2 TCTCTCTCTCTCTCTCTCTC 23

RESULT 730
US-09-487-130-4
Sequence 4, Application US/09487130
Patent No. 6362322
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEN, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEEN-PAIRED
TITLE OF INVENTION: DUPLEX
FILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentln Ver. 2.1
SEQ ID NO 4
LENGTH: 24
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-487-130-4

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 40.9%; Pred. No. 1.5e+03;
Matches 9; Conservative 9; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGCCCTCACTCTCTC 5348
DB 2 UCUCUCUCUCUCUCUCUCUCUC 23

RESULT 731
US-09-487-130-5/c
Sequence 5, Application US/09487130
Patent No. 6362322
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEN, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEEN-PAIRED
TITLE OF INVENTION: DUPLEX
FILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentln Ver. 2.1
SEQ ID NO 5
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-487-130-5

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGCCCTCACTCTCTC 5348
DB 23 TCTCTCTCTCTCTCTCTCTC 2

RESULT 732

US-09-487-130-6

; Sequence 6, Application US/09487130

; Patent No. 6362322

; GENERAL INFORMATION:

; APPLICANT: GRAY, DONALD M.

; TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED

; TITLE OF INVENTION: DUPLEX

; FILE REFERENCE: 91556/66385CIP

; CURRENT APPLICATION NUMBER: US/09/487,130

; PRIOR FILING DATE: 2000-01-19

; PRIOR APPLICATION NUMBER: 09/357,424

; PRIOR FILING DATE: 1999-07-20

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 6

; LENGTH: 24

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic

; OTHER INFORMATION: nucleic acid

US-09-487-130-6

Query Match

Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;

Matches 9; Conservative 9; Mismatches 4; Indels 0; Gaps 0;

QY

5327 TCTCTTTGCTCCTCCTCTC 5348

:|:|:|:|:|:|:|:|:|

:|:|:|:|:|:|:|:|:|

2 UCUCUCUCUCUCUCUCUCUC 23

DB

RESULT 733

US-09-641-318-22/c

; Sequence 22, Application US/09641318

; Patent No. 6384205

; GENERAL INFORMATION:

; APPLICANT: BELAGAJE, RAMA M.

; TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN

; AND RELATED NUCLEIC ACID COMPOUNDS

; NUMBER OF SEQUENCES: 24

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: ELI LILLY AND COMPANY

; STREET: LILLY CORPORATE CENTER

; CITY: INDIANAPOLIS

; STATE: INDIANA

; COUNTRY: UNITED STATES OF AMERICA

; ZIP: 46285

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/641,318

; FILING DATE: 18-Aug-2000

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/816,178A

; FILING DATE: 12-MAR-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: GAYLO, PAUL J.

; REGISTRATION NUMBER: 36,808

; REFERENCE/DOCKET NUMBER: X-10579

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (317) 276-0756

; TELEFAX: (317) 276-3861

; INFORMATION FOR SEQ ID NO: 22:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: CDNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 22:

US-09-641-318-22

Query Match

Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY

2938 TGGGGAACAGCGCCAGCAAGAC 2959

||||| | ||||| |||||

DB 22 TGGGGATGAAGCGCCAGCCAGAC 1

RESULT 734

US-08-985-492-24

; Sequence 24, Application US/08985492

; Patent No. 6395530

; GENERAL INFORMATION:

; APPLICANT: Jaye, Michael C.

; APPLICANT: Doan, Kim-Anh T.

; APPLICANT: Krawiec, John A.

; APPLICANT: Lynch, Kevin J.

; APPLICANT: Amin, Dilip V.

; APPLICANT: South, Victoria J.

; TITLE OF INVENTION: LIG POLYPEPTIDES OF THE TRIACYLGLYCEROL

; TITLE OF INVENTION: LIPASE FAMILY, AND COMPOSITIONS AND METHODS FOR THEIR USE

; TITLE OF INVENTION: IN ENZYMATIC HYDROLYSIS, AND PROTEIN AND GENE THERAPIES

; NUMBER OF SEQUENCES: 31

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Rhone-Poulenc Rorer Inc.

; STREET: 500 Arcola Rd. 3C43

; CITY: Collegeville

; STATE: PA

; COUNTRY: USA

; ZIP: 19426

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/985,492

; FILING DATE:

; CLASSIFICATION: 800

; ATTORNEY/AGENT INFORMATION:

; NAME: Fehlner Ph.D., Paul F.

; REGISTRATION NUMBER: 35,135

; REFERENCE/DOCKET NUMBER: A2582-US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (610)454-3839

; TELEFAX: (610)454-3808

; INFORMATION FOR SEQ ID NO: 24:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "Oligonucleotide"

US-08-985-492-24

Query Match

Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY

981 CACCAAGGAGATCAAGGGCTG 1002

||||| | ||||| |||||

DB 3 CACCATGGAGAGCAAGCCCTG 24

```
RESULT 735
US-09-699-135-8/c
; Sequence 8, Application US/09699135
; Patent No. 6472513
; GENERAL INFORMATION:
; APPLICANT: AGENE Research Institute, Co., Ltd.
; APPLICANT: HIRAKI AND ASSOCIATES
; APPLICANT: SHIMAMOTO, AKIRO
; APPLICANT: KITAO, SAORI
; APPLICANT: FURUICHI, YASUHIRO
; TITLE OF INVENTION: HUMAN GENE RECO4 ENCODING HELICASE
; FILE REFERENCE: HIRAI150
; CURRENT APPLICATION NUMBER: US/09/699,135
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US/09/463,702A
; PRIOR FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: PCT/JP98/03114
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: JAPAN 9/200387
; PRIOR FILING DATE: 1997-07-25
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PRIMERS FOR SEQUENCING
US-09-699-135-8

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3173 TTTGGCTTGCATCTTAGATG 3194
      ||||| ||| |||||
DB 23 TTTGGGGTGGATGCCCTTAGATG 2

RESULT 736
US-08-559-390-187/c
; Sequence 187, Application US/08559390
; Patent No. 6479261
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKeearn, John P.
; APPLICANT: Olins, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,390
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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,796
; FILING DATE:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-559-390-187

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 48 CGCGCGCGCACGAGGAGCTGC 69
      ||| ||||| ||||| |||||
DB 24 CAGCAGCGCGCAGCGGTGCTGC 3

RESULT 737
US-09-225-201B-893/c
; Sequence 893, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;              Jokhadze, George
;              Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;              EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 893:
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Query Match	0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity	81.8%; Pred. No. 1.5e+03;
Matches 18; Conservative	0; Mismatches 4; Indels 0; Gaps 0;

QY	48	CGGCGGGCAACGAGGCTGC	69
Db	24	CAGCAGCGGCGGTGGCTGC	3

RESULT 739

US-09-725-265-5/c

```
; Sequence 5, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-5
```


Query Match	0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity	70.0%; Pred. No. 2.1e+03;
Matches 21; Conservative	0; Mismatches 9; Indels 0; Gaps 0;

QY	4022	AAAAGAGAGAAACAATGTTATTTTAT	4051
Db	30	AAAAAAAAAAAAAATATATATAT	1

RESULT 740

US-09-725-265-6/c

```
; Sequence 6, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-6

Query Match 0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 2.1e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAAAACAAATGTTATTT 4047
| | | | | | | | | | | | | | | | | | | | | |
DB 30 AAAAAAAAAACAAAAAATATATATAT 1

RESULT 741

US-09-725-265-7/c
; Sequence 7, Application US/09725265
; Patent No. 6492121

; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KAWAGAWA, TAKAHIRO

; APPLICANT: KAWAGATA, YOICHI

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; APPLICANT: KOYAMA, OSAMU

; APPLICANT: FURUSHO, KENTA

; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953US0XDIV

; CURRENT APPLICATION NUMBER: US/09/725,265

; CURRENT FILING DATE: 2000-11-29

; PRIOR FILING DATE: 2000-04-20

; PRIOR FILING DATE: 1999-04-20

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 7

; LENGTH: 30

; TYPE: DNA

; ORGANISM: ARTIFICIAL SEQUENCE

; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA

US-09-725-265-7

Query Match 0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 2.1e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAAAACAAATGTTATTT 4047
| | | | | | | | | | | | | | | | | | | | | |
DB 30 AAAAAAAAAACAAAAAATATATATAT 1

RESULT 742

US-08-242-664-23/c
; Sequence 23, Application US/08242664
; Patent No. 5571937

; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.

; APPLICANT: Ren, Wu-Yun

; APPLICANT: Wei, Roger

; TITLE OF INVENTION: Complementary DNA and Toxins

; NUMBER OF SEQUENCES: 43

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Cooper & Dunham

; STREET: 30 Rockefeller Plaza

; CITY: New York

; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/242,664
; FILING DATE: May 12, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-242-664-23

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTCCTTCCTTTCC 5714
| | | | | | | | | | | | | | | | | |
DB 17 TTTTCCTTCCTTTCC 1

RESULT 743

US-08-484-138-23/c

; Sequence 23, Application US/08484138

; Patent No. 5652350

; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.

; APPLICANT: Ren, Wu-Yun

; APPLICANT: Wei, Roger

; TITLE OF INVENTION: Complementary DNA and Toxins

; NUMBER OF SEQUENCES: 43

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Cooper & Dunham LLP

; STREET: 1185 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb

; COMPUTER: IBM PC

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.24

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,138

; FILING DATE: June 7, 1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.

; REGISTRATION NUMBER: 28,678

; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/WJG

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550

; TELEFAX: 212-664-0525

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-484-138-23

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCTTCTTTTC 5714
DB 17 TTTTCCTTCTTTTC 1

RESULT 744

US-08-292-620A-1931/C
Sequence 1931, Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:

two

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1931:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1931

Query Match 0.2%; Score 15.4; DB 1; Length 17;

Best Local Similarity 94.1%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5018 GGCTCTGGGAGGAGCA 5034
DB 17 GGCTGTGGGAGGAGCA 1

RESULT 745

US-09-071-845-1931/C
Sequence 1931, Application US/09071845
Patent No. 6132967

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1931:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1931

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5018 GGCTCTGGGAGGAGCA 5034
DB 17 GGCTGTGGGAGGAGCA 1

; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06379
; FILING DATE: May 13, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-06379-23

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCCTTCCTTTTC 5714
Db 17 TTTTCCTTCCTTTTC 1

RESULT 750

US-09-140-804-18
; Sequence 18, Application US/09140804
; Patent No. 6197930
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Humes, Jacqueline M.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-49
; CURRENT APPLICATION NUMBER: US/09/140,804
; CURRENT FILING DATE: 1998-08-26
; EARLIER APPLICATION NUMBER: 60/056,983
; EARLIER FILING DATE: 1997-08-26
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC15002
US-09-140-804-18

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2875 AGGAGGTGGGTAGG 2891
Db 1 AGGAGGTGGGTAGG 17

RESULT 751

US-09-686-838B-18
; Sequence 18, Application US/09686838B

; Patent No. 6482612
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Humes, Jacqueline M.
; TITLE OF INVENTION: Adipocyte-Specific Protein Homologs
; FILE REFERENCE: 97-49D1
; CURRENT APPLICATION NUMBER: US/09/686,838B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 05/140,804
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/056,983
; PRIOR FILING DATE: 1997-08-26
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC15002
US-09-686-838B-18

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2875 AGGAGGTGGGTAGG 2891
Db 1 AGGAGGTGGGTAGG 17

RESULT 752

US-09-435-019-48/c
; Sequence 48, Application US/09435019
; Patent No. 6489140
; GENERAL INFORMATION:
; APPLICANT: Wisniewski, Nancy
; APPLICANT: Becher, Anna M.
; APPLICANT: Jarvis, Eric
; TITLE OF INVENTION: NOVEL FLEA ECDYSONE AND ULTRASPIRACLE NUCLEIC ACID
; FILE REFERENCE: FC-4
; CURRENT APPLICATION NUMBER: US/09/435,019
; CURRENT FILING DATE: 1999-11-05
; EARLIER APPLICATION NUMBER: 60/107,559
; EARLIER FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-435-019-48

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5045 GAGCCTACATTCCTTAC 5061
Db 17 GAGCCTACATTCCTTAC 1

RESULT 753

PCT-US91-03680-73
; Sequence 73, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED

```
;
; TITLE OF INVENTION:  CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION:  DUPLEX DNA
; NUMBER OF SEQUENCES:  158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  Morrison & Foerster
; STREET:  545 Middlefield Road, Suite 200
; CITY:  Menlo Park
; STATE:  California
; COUNTRY:  USA
; ZIP:  94025
;
; MEDIUM TYPE:  Floppy disk
; COMPUTER:  IBM PC compatible
; OPERATING SYSTEM:  PC-DOS/MS-DOS
; SOFTWARE:  PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  PCT/US91/03680
; FILING DATE:  19910524
; CLASSIFICATION:  435
; ATTORNEY/AGENT INFORMATION:
; NAME:  Murashige, Kate H.
; REGISTRATION NUMBER:  29,959
; REFERENCE/DOCKET NUMBER:  4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:  415-327-7250
; TELEFAX:  415-327-2951
; TELEX:  706141
;
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH:  18 base pairs
; TYPE:  NUCLEIC ACID
; STRANDEDNESS:  single
; TOPOLOGY:  linear
; FEATURE:
; NAME/KEY:  modified_base
; LOCATION:  5
; OTHER INFORMATION:  /mod_base= OTHER
;
; PCT-US91-03680-73
;
; Query Match          0.2%;  Score 15.4;  DB 1;  Length 18;
; Best Local Similarity 94.1%;  Pred. No. 9.4e+02;
; Matches 16;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
;
; QY      4464  TTTTCTTTTTTTTTTTT 4480
; DB      1  TTTTCTTTTTTTTTTTT 17
;
; RESULT 754
; PCT-US91-03680-74
; Sequence 74, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT:  Matteucci, Mark D.
; APPLICANT:  Krawczyk, Steven
; TITLE OF INVENTION:  SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION:  CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES:  158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  Morrison & Foerster
; STREET:  545 Middlefield Road, Suite 200
; CITY:  Menlo Park
; STATE:  California
; COUNTRY:  USA
; ZIP:  94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE:  Floppy disk
;
; PCT-US91-03680-73
;
; Query Match          0.2%;  Score 15.4;  DB 1;  Length 18;
; Best Local Similarity 94.1%;  Pred. No. 9.4e+02;
; Matches 16;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
;
; QY      4464  TTTTCTTTTTTTTTTTT 4480
; DB      1  TTTTCTTTTTTTTTTTT 17
;
; RESULT 755
; US-07-985-691-9
; Sequence 9, Application US/07985691
; GENERAL INFORMATION:
; APPLICANT:  Griffiin, John H
; APPLICANT:  Bouma, Bonno N
; APPLICANT:  Bertina, Rogier
; TITLE OF INVENTION:  RECOMBINANT PROTEIN S VARIANTS DEFICIENT
; TITLE OF INVENTION:  IN C4BP BINDING ACTIVITY, COMPOSITIONS AND THERAPEUTIC
; NUMBER OF SEQUENCES:  17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  The Scripps Research Institute, Office of
; ADDRESSEE:  Patent Counsel
; STREET:  10666 No. 5405946th Torrey Pines Road, TPC 8
; CITY:  La Jolla
; STATE:  CA
; COUNTRY:  USA
; ZIP:  92037
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE:  Floppy disk
; COMPUTER:  IBM PC compatible
; OPERATING SYSTEM:  PC-DOS/MS-DOS
; SOFTWARE:  PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  US/07/985,691
; FILING DATE:  19921202
; CLASSIFICATION:  514
; ATTORNEY/AGENT INFORMATION:
; NAME:  Fitting, Thomas
```

```
;
; COMPUTER:  IBM PC compatible
; OPERATING SYSTEM:  PC-DOS/MS-DOS
; SOFTWARE:  PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  PCT/US91/03680
; FILING DATE:  19910524
; CLASSIFICATION:  435
; ATTORNEY/AGENT INFORMATION:
; NAME:  Murashige, Kate H.
; REGISTRATION NUMBER:  29,959
; REFERENCE/DOCKET NUMBER:  4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:  415-327-7250
; TELEFAX:  415-327-2951
; TELEX:  706141
;
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH:  18 base pairs
; TYPE:  NUCLEIC ACID
; STRANDEDNESS:  single
; TOPOLOGY:  linear
; FEATURE:
; NAME/KEY:  modified_base
; LOCATION:  5
; OTHER INFORMATION:  /mod_base= OTHER
;
; PCT-US91-03680-74
;
; Query Match          0.2%;  Score 15.4;  DB 1;  Length 18;
; Best Local Similarity 94.1%;  Pred. No. 9.4e+02;
; Matches 16;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
;
; QY      4464  TTTTCTTTTTTTTTTTT 4480
; DB      1  TTTTCTTTTTTTTTTTT 17
;
; RESULT 755
; US-07-985-691-9
; Sequence 9, Application US/07985691
; GENERAL INFORMATION:
; APPLICANT:  Griffiin, John H
; APPLICANT:  Bouma, Bonno N
; APPLICANT:  Bertina, Rogier
; TITLE OF INVENTION:  RECOMBINANT PROTEIN S VARIANTS DEFICIENT
; TITLE OF INVENTION:  IN C4BP BINDING ACTIVITY, COMPOSITIONS AND THERAPEUTIC
; NUMBER OF SEQUENCES:  17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  The Scripps Research Institute, Office of
; ADDRESSEE:  Patent Counsel
; STREET:  10666 No. 5405946th Torrey Pines Road, TPC 8
; CITY:  La Jolla
; STATE:  CA
; COUNTRY:  USA
; ZIP:  92037
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE:  Floppy disk
; COMPUTER:  IBM PC compatible
; OPERATING SYSTEM:  PC-DOS/MS-DOS
; SOFTWARE:  PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  US/07/985,691
; FILING DATE:  19921202
; CLASSIFICATION:  514
; ATTORNEY/AGENT INFORMATION:
; NAME:  Fitting, Thomas
```

REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: T5R0042P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-985-691-9

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAACAAA 4038
|||||
DB 3 AAAAGAGAGAGACAAA 19

RESULT 756
US-08-631-200-39/c
Sequence 39, Application US/08631200
Patent No. 5646040
GENERAL INFORMATION:
APPLICANT: Klynn, Patrick W.
APPLICANT: Moore, Karen J.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/631,200
FILING DATE: 12-APR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-057
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-631-200-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CTGCCTGCCTGCTGT 5811

Db 19 CTGCCTGCCTGCTGT 3
|||||

RESULT 757
US-08-829-553-39/c
Sequence 39, Application US/08829553
Patent No. 5817762
GENERAL INFORMATION:
APPLICANT: Klynn, Patrick W.
APPLICANT: Moore, Karen J.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/829,553
FILING DATE: 28-MAR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/631,200
FILING DATE: 12-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-057
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-829-553-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CTGCCTGCCTGCTGT 5811
|||||
DB 19 CTGCCTGCCTGCTGT 3

RESULT 758
US-08-922-267A-39/c
Sequence 39, Application US/08922267A
Patent No. 5861239
GENERAL INFORMATION:
APPLICANT: Klynn, Patrick W.
APPLICANT: Moore, Karen J.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York

STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 2-SEP-1997
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/829,553
 FILING DATE: 28-MAR-1997
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/631,200
 FILING DATE: 12-APR-1996
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 7853-085
 TELEPHONE: (212) 790-9090
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 39:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-922-267A-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
 Best Local Similarity 94.1%; Pred. No. 1e+03;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CCTGCTGCTGCTGT 5811
 Db 19 CTTGCTGCTGCTGT 3

RESULT 759
 US-08-936-707A-39/c
 Sequence 39, Application US/08936707A
 Patent No. 5871931
 GENERAL INFORMATION:
 APPLICANT: Klevn, Patrick W.
 APPLICANT: Moore, Karen J.
 TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
 REFERENCE/DOCKET NUMBER: 7853-099
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 24-SEP-1997
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 7853-100
 TELEPHONE: (212) 790-9090
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 39:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-936-707A-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
 Best Local Similarity 94.1%; Pred. No. 1e+03;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CCTGCTGCTGCTGT 5811
 Db 19 CTTGCTGCTGCTGT 3

RESULT 760
 US-08-936-706A-39/c
 Sequence 39, Application US/08936706A
 Patent No. 5876919
 GENERAL INFORMATION:
 APPLICANT: Klevn, Patrick W.
 APPLICANT: Moore, Karen J.
 TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
 REFERENCE/DOCKET NUMBER: 7853-099
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 24-SEP-1997
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 7853-099
 TELEPHONE: (212) 790-9090
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 39:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-936-706A-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
 Best Local Similarity 94.1%; Pred. No. 1e+03;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5795 CCTGCTGCTGCTGT 5811
 Db 19 CTTGCTGCTGCTGT 3

RESULT 759
 US-08-936-707A-39/c
 Sequence 39, Application US/08936707A
 Patent No. 5871931
 GENERAL INFORMATION:
 APPLICANT: Klevn, Patrick W.
 APPLICANT: Moore, Karen J.
 TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
 REFERENCE/DOCKET NUMBER: 7853-099
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 24-SEP-1997
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:

Db 19 CTTGCTGCTGCTGT 3

RESULT 761
US-09-248-203-39/c
; Sequence 39, Application US/09248203
; Patent No. 6043346
; GENERAL INFORMATION:
; APPLICANT: Klevn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/248,203
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-248-203-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5795 CTTGCTGCTGCTGT 5811
Db 19 CTTGCTGCTGCTGT 3

RESULT 762
US-09-009-913-216
; Sequence 216, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axy's Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA

Zip: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq For Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J.
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 216:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-009-913-216

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4068 ATTGCCAAATTTGGAA 4084
Db 1 ATTGCCAAATTTGGAA 17

RESULT 763
US-09-406-071-39/c
; Sequence 39, Application US/09406071
; Patent No. 6207386
; GENERAL INFORMATION:
; APPLICANT: Klevn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/406,071
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/936,707
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090

```

; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-406-071-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 5795 CTTGCTGCTGCTGCTGT 5811
      |||||
Db 19 CTTGCTGCTGCTGCTGT 3

RESULT 764
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. 6605437
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; ADDRESSEE: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-814-986-39

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 5795 CTTGCTGCTGCTGCTGT 5811
      |||||

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Db 19 CTTGCTGCTGCTGCTGT 3

RESULT 765
US-09-530-095B-26
; Sequence 26, Application US/09530095B
; Patent No. 6610515
; GENERAL INFORMATION:
; APPLICANT: YAMAMOTO, AKIRA
; APPLICANT: TUCHIYA, KOTARO
; APPLICANT: IWATA, AKIRA
; APPLICANT: UEDA, SUSUMU
; TITLE OF INVENTION: FELINE GRANULOCYTE COLONY STIMULATING FACTOR
; FILE REFERENCE: JG-HK-4962
; CURRENT APPLICATION NUMBER: US/09/530,095B
; CURRENT FILING DATE: 2000-04-24
; PRIOR APPLICATION NUMBER: JAPAN HE19-291055
; PRIOR FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HYPOTHETICAL SEQUENCE
US-09-530-095B-26

Query Match 0.2%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1;

QY 634 CTTGATGAGGCGCTGCTGT 650
      |||||
Db 2 CTTGATGAGGCGCTGCTGT 18

RESULT 766
US-08-715-461-5
; Sequence 5, Application US/08715461
; Patent No. 5985556
; GENERAL INFORMATION:
; APPLICANT: KAMBARA, Hideki
; APPLICANT: OKANO, Kazumori
; TITLE OF INVENTION: DNA SEQUENCING METHOD AND DNA SAMPLE
; TITLE OF INVENTION: PREPARATION METHOD
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANTONELLI, TERRY STOUT & KRAUS
; STREET: 1300 No. 598556th Seventeenth Street, Suite 1800
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22209
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,461
; FILING DATE: 18-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: TERRY, David T.
; REGISTRATION NUMBER: 20,178
; REFERENCE/DOCKET NUMBER: 500.34872X00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-715-461-5

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4468 TTTTTCCTTTTCCTTCG 4484
Db 1 TTTTTCCTTTTCCTTCG 17

RESULT 767

US-09-517-584A-13
Sequence 13, Application US/09517584A
Patent No. 6187587
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-13

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 68 GCGGCGGCGCGCGCGCG 84
Db 4 GCGGCGGCGCGCGCGCG 20

RESULT 768

US-09-021-701-728
Sequence 728, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 728:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-728

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5698 TTTTTCCTTCCTTCCTTC 5714
Db 4 TTTTTCCTTCCTTCCTTC 20

RESULT 769

US-09-021-701-729.
Sequence 729, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 729:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA

; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-729

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCCTTTCC 5714
|||||
Db 3 TTTTCCCTTCCTTTCC 19

RESULT 770

US-09-021-701-730
; Sequence 730, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 730:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-730

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCCTTTCC 5714
|||||
Db 2 TTTTCCCTTCCTTTCC 18

RESULT 771

US-09-021-701-731
; Sequence 731, Application US/09021701
; Patent No. 6251588

; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 731:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-731

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGCTTCCTTTCC 5714
|||||
Db 1 TTTTCCCTTCCTTTCC 17

RESULT 772

US-09-844-634-46/c
; Sequence 46, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-46

Query Match 0.2%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5032 GCAGCTCACTGGAGAGC 5048
 |||||
Db 19 GCAGCTCCCTGGAGAGC 3

RESULT 773
US-09-792-594-20

Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 287 GCCGGCCTGGCATTTGGC 303
Db 4 GCCGGCCTGGCCCTTGGC 20

RESULT 774
US-09-907-843-23/c
; Sequence 23, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: KTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-23

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Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16: Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 7412 TCAGCAGCAGCAGC 7428
 |||||
 db 18 TCAGCAGCAGCAGC 2

RESULT 775
US-09-470-443-17
; Sequence 17, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.

```

; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-17

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Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5098 TGCCCTGTCCATTGCCT 5114
Db 3 TACCCTGTCCATTGCCT 19

```

RESULT 776
US-09-300-008B-39/c
; Sequence 39, Application US/09300008B
; Patent No. 6458534
; GENERAL INFORMATION:
; APPLICANT: Concannon et al.
; TITLE OF INVENTION: A GENE ASSOCIATED WITH NIJMEGEN BREAKAGE
; TITLE OF INVENTION: SYNDROME, ITS GENE PRODUCT AND METHODS FOR THEIR USE
; FILE REFERENCE: 9924-0003-228
; CURRENT APPLICATION NUMBER: US/09/300,008B
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: US 60/083,269
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-300-008B-39

```

```
Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 4393 CTATTGCTTCTGTTTAC 4409
D'b 17 CTGTTGCTTCTGTTTAC 1

RESULT 777
US-09-844-525A-79/c
; Sequence 79, Application US/09844525A
; Patent No. 6468796
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULA
; FILE REFERENCE: RTS-0230
; CURRENT APPLICATION NUMBER: US/09/844
; CURRENT FILING DATE: 2001-08-20

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; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-79

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3646 GATGGGAAGAATAACC 3662
    ||||| ||||| |||||
Db 18 GATGGGAAGAATAACC 2

RESULT 778
US-09-422-978-6348/c
; Sequence 6348, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6348
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10887 for SEQ 2414,
US-09-422-978-6348

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1679 TCTGCAAAATATGCACAG 1695
    ||||| ||||| |||||
Db 18 TCTGCAAAATATGCACAG 2

RESULT 779
US-09-601-144-22/c
; Sequence 22, Application US/09601144
; Patent No. 6566514
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; APPLICANT: Lee, Yoon S.
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN
; TITLE OF INVENTION: AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING
; TITLE OF INVENTION: SAME TO MODULATE CELL GROWTH
; FILE REFERENCE: 683-112US-A
; CURRENT APPLICATION NUMBER: US/09/601,144
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: US 60/073,196
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 74
```

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-601-144-22

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3730 CATTGAGCTTTTAAAAA 3746
    ||||| ||||| |||||
Db 18 CATTGAGCTTTTAAAAA 2

RESULT 780
US-09-903-413-8
; Sequence 8, Application US/09903413
; Patent No. 6596492
; GENERAL INFORMATION:
; APPLICANT: Avery, Anne C.
; APPLICANT: Burnett, Robert
; TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL TO DETECT CANINE AND
; TITLE OF INVENTION: FELINE LYMPHOID MALIGNANCIES
; FILE REFERENCE: DI-14
; CURRENT APPLICATION NUMBER: US/09/903,413
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,611
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-903-413-8

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7068 TTGTGAATGCACACTGAG 7084
    ||||| ||||| |||||
Db 3 TTGTGAATGCACACTGAG 19

RESULT 781
US-09-665-615B-177/c
; Sequence 177, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-665-615B-177
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Query Match 0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6821 TTTCTGGTTTCGCTTT 6837
Db 17 TTTCTGGTTTCGCTTT 1

RESULT 782
US-08-413-813-43/c
; Sequence 43, Application US/08413813
; Patent No. 5683874
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: SINGLE-STRANDED, CIRCULAR OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/413.813
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/413.813
; FILING DATE: 30-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8085ZYX
; TELEPHONE: (516) 742-4366
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-413-813-43

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5698 TTTTCCTTCCTTTTC 5714
Db 19 TTTTCCTTCCTTTTC 3

RESULT 783
US-08-467-346-43/c
; Sequence 43, Application US/08467346
; Patent No. 5872105
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: SINGLE-STRANDED, CIRCULAR OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA

ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467.346
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/413.813
; FILING DATE: 30-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8085ZYX
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-467-346-43

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5698 TTTTCCTTCCTTTTC 5714
Db 19 TTTTCCTTCCTTTTC 3

RESULT 784
US-08-528-540-9
; Sequence 9, Application US/08628540
; Patent No. 6022951
; GENERAL INFORMATION:
; APPLICANT: SANO, Takeshi
; APPLICANT: CANTOR, Charles R.
; APPLICANT: VAJDA, Sandor
; APPLICANT: REZNIK, Gabriel O.
; APPLICANT: SMITH, Cassandra L.
; APPLICANT: PANDORI, Mark W.
; TITLE OF INVENTION: STREPTAVIDIN MUTANTS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BAKER & BOTTS, L.L.P.
; STREET: 1299 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004-2400
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/628.540
; FILING DATE: 10-APR-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/420,010
; FILING DATE: 11-APR-1995
; APPLICATION NUMBER: 60/003,687
; FILING DATE: 18-SEP-1995
; ATTORNEY/AGENT INFORMATION:

```

; NAME: Remenick, James
; REGISTRATION NUMBER: 36,902
; REFERENCE/DOCKET NUMBER: 016865-0244
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-639-7700
; TELEFAX: 202-639-7890
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-628-540-9

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCAGC 7428
DB 5 TTAGCAGCAGCAGCAGC 21

RESULT 785
US-08-941-100-4
; Sequence 4, Application US/08941100B
; Patent No. 6207390
; GENERAL INFORMATION:
; APPLICANT: Cantor, Charles R.
; APPLICANT: Sano, Takeshi
; TITLE OF INVENTION: Reduced Affinity Streptavidin
; FILE REFERENCE: BU-03165
; CURRENT APPLICATION NUMBER: US/08/941.100B
; CURRENT FILING DATE: 1997-10-03
; PRIOR APPLICATION NUMBER: 08/469,353
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/420,010
; PRIOR FILING DATE: 1995-04-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Streptomyces avidinii
US-08-941-100-4

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCAGC 7428
DB 5 TTAGCAGCAGCAGCAGC 21

RESULT 786
US-09-422-978-9992/c
; Sequence 9992, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20

```

```

; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9992
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8662 for SEQ 2127, in complement
US-09-422-978-9992

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7005 GGAGATTTTCTTCTTTA 7021
DB 21 GGAGATTTGCTTCTTTA 5

RESULT 787
US-09-422-978-11139/c
; Sequence 11139, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11139
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-2926 for SEQ 3274, in complement
US-09-422-978-11139

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6183 GAGTGATGAGAGAGAA 6199
DB 21 GAGTGATGAGAGAGAA 5

RESULT 788
US-09-536-393-23/c
; Sequence 23, Application US/09536393
; Patent No. 6562570
; GENERAL INFORMATION:
; APPLICANT: Rossi, John J.
; APPLICANT: Scherr, Michaela
; APPLICANT: Riggs, Arthur D.
; TITLE OF INVENTION: Method for Identifying Accessible Binding Sites on RNA

```


; FILE REFERENCE: 1954-285
; CURRENT APPLICATION NUMBER: US/09/536,393
; CURRENT FILING DATE: 2000-03-28
; EARLIER APPLICATION NUMBER: 60/127,529
; EARLIER FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: murine
US-09-536-393-23

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6464 CTTTTTTTCTGTTG 6480
||||| |||||||
Db 18 CTTTTATTCTGTTG 2

RESULT 789
US-09-536-393-29/c
; Sequence 29, Application US/09536393
; Patent No. 6562570
; GENERAL INFORMATION:
; APPLICANT: Rossi, John J.
; APPLICANT: Scherr, Michaela
; APPLICANT: Riggs, Arthur D.
; TITLE OF INVENTION: Method for Identifying Accessible Binding Sites on RNA
; FILE REFERENCE: 1954-285
; CURRENT APPLICATION NUMBER: US/09/536,393
; CURRENT FILING DATE: 2000-03-28
; EARLIER APPLICATION NUMBER: 60/127,529
; EARLIER FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 21
; TYPE: DNA
; ORGANISM: murine
US-09-536-393-29

Query Match 0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6464 CTTTTTTTCTGTTG 6480
||||| |||||||
Db 18 CTTTTATTCTGTTG 2

RESULT 790
US-08-457-273B-18
; Sequence 18, Application US/08457273B
; Patent No. 5849995
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael
; APPLICANT: Lin, Biaoyang
; APPLICANT: Nasir, Jamal
; TITLE OF INVENTION: Mouse Model for Huntington's Disease and
; TITLE OF INVENTION: Related DNA Sequences
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Virginia Bennett
; STREET: PO Box 37428
; CITY: Raleigh
; STATE: No. 5849995th Carolina
; COUNTRY: US
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,273B
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Virginia C.
; REGISTRATION NUMBER: 37,092
; REFERENCE/DOCKET NUMBER: 3477-85A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-854-1400
; TELEFAX: 919-854-1401
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-457-273B-18

Query Match 0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4016 TGAGAAAAGAGAGAA 4032
||||| |||||||
Db 1 TGAGAAAAGAGAGAA 17

RESULT 791
US-08-761-704-5
; Sequence 5, Application US/08761704
; Patent No. 5866404
; GENERAL INFORMATION:
; APPLICANT: BRADSHAW, M.; BOLLEKENS,
; APPLICANT: JACQUES; RUDDLE, FRANK
; TITLE OF INVENTION: A NEW YEAST-BACTERIA
; TITLE OF INVENTION: SHUTTLE VECTOR
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/761,704
; FILING DATE: 6-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/008,250
; FILING DATE: 6-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36,434
; REFERENCE/DOCKET NUMBER: 2458-4018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single

```
;
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-761-704-5

Query Match 0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3113 CTCATGCTTGACAGCTT 3129
Db 2 CTCATGCTTGACAGCTT 18

RESULT 792
US-08-722-240-2/c
; Sequence 2, Application US/08722240
; Patent No. 6083905
; GENERAL INFORMATION:
; APPLICANT: Voorberg, Johannes Jacobus,
; APPLICANT: van Mourik, Jan Aart
; APPLICANT: Mertens, Koenraad
; TITLE OF INVENTION: Method and means for detecting and treating
; TITLE OF INVENTION: disorders in the blood coagulation cascade
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Michaelson & Wallace
; STREET: 328 Newman Springs Road, P.O. Box 8489
; CITY: Red Bank
; STATE: New Jersey
; ZIP: 07701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3 1/2", 1.44 Mbyte
; COMPUTER: HP Vectra XU
; OPERATING SYSTEM: Windows NT 4 Workstation
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/722,240
; FILING DATE: January 27, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Michaelson, Peter L.
; REGISTRATION NUMBER: 30090
; REFERENCE/DOCKET NUMBER: Stichting-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (732)530-6671
; TELEFAX: (732)530-6584
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
US-08-722-240-2

Query Match 0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1794 TGCTGAGGTGAACGCTG 1810
Db 20 TGATGAGGTGAACGCTG 4

RESULT 793
US-09-095-372-5
; Sequence 5, Application US/09095372
; Patent No. 6221588
; GENERAL INFORMATION:
; APPLICANT: BRADSHAW, M.; BOLLEKENS,
; APPLICANT: JACQUES, RUDDLE, FRANK
; TITLE OF INVENTION: A NEW YEAST-BACTERIA
; TITLE OF INVENTION: SHUTTLE VECTOR
```

```
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/095,372
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/761,704
; FILING DATE: 6-DEC-1996
; APPLICATION NUMBER: 60/008,250
; FILING DATE: 6-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36,434
; REFERENCE/DOCKET NUMBER: 2458-4018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-095-372-5

Query Match 0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3113 CTCATGCTTGACAGCTT 3129
Db 2 CTCATGCTTGACAGCTT 18

RESULT 794
US-08-182-172-16
; Sequence 16, Application US/08182172
; Patent No. 5714318
; GENERAL INFORMATION:
; APPLICANT: Sagner, Gregor
; APPLICANT: Kessler, Christoph
; APPLICANT: Blum, Helmut
; APPLICANT: Domdey, Horst
; TITLE OF INVENTION: SIMULTANEOUS SEQUENCING OF NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,172
; FILING DATE:
```



```
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-09-619-103-14

Query Match          0.2%; Score 15.4; DB 1; Length 32;
Best Local Similarity 72.0%; Pred. No. 2.3e+03;
Matches 18; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 4015 ATGAGAAAAAGAGACAAACAAAA 4039
   ||| ||||| ||| ||||| |||||
Db 7 AUGCAAAAAAAAAAAAAAAAAAAAAA 31

RESULT 799
US-09-390-324B-2
; Sequence 2, Application US/0930324B
; Patent No. 6342376
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/09/390,324B
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"
US-09-390-324B-2

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9.1e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTTNTTTTTTTTGG 4484
   ||||| ||||| |||||
Db 1 TTTTNTTTTTTTTV 16

RESULT 800
US-10-015-593-2
; Sequence 2, Application US/10015593
; Patent No. 6645741
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 09/390,324
; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1

; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-09-619-103-14

Query Match          0.2%; Score 15.4; DB 1; Length 32;
Best Local Similarity 72.0%; Pred. No. 2.3e+03;
Matches 18; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 4015 ATGAGAAAAAGAGACAAACAAAA 4039
   ||| ||||| ||| ||||| |||||
Db 7 AUGCAAAAAAAAAAAAAAAAAAAAAA 31

RESULT 799
US-09-390-324B-2
; Sequence 2, Application US/0930324B
; Patent No. 6342376
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/09/390,324B
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"
US-09-390-324B-2

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9.1e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTTNTTTTTTTTGG 4484
   ||||| ||||| |||||
Db 1 TTTTNTTTTTTTTV 16

RESULT 800
US-10-015-593-2
; Sequence 2, Application US/10015593
; Patent No. 6645741
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 09/390,324
; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1

; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-09-619-103-14

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9.1e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTTNTTTTTTTTGG 4484
   ||||| ||||| |||||
Db 1 TTTTNTTTTTTTTV 16

RESULT 801
US-08-031-143B-22/c
; Sequence 22, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:
; DESCRIPTION: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-22

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 2205 CTACCGAGATGGGTGCTG 2224
Db 20 CTACAGAGATCTGGTGGCTG 1

RESULT 802

US-08-564-002-12/c
Sequence 12, Application US/08564002
Patent No. 5714329

GENERAL INFORMATION:

APPLICANT: Dracopoli, Nicolas
APPLICANT: Tucker, Margaret
APPLICANT: Goldstein, Alesia

TITLE OF INVENTION: Methods for the Diagnosis of a Genetic

TITLE OF INVENTION: Predisposition to Cancer Associated with Variant CDK4

TITLE OF INVENTION: Allele

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

STREET: 4 Embarcadero Center, Suite 3400

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-4187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/564,002

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Sherwood, Pamela J.

REGISTRATION NUMBER: 36,677

REFERENCE/DOCKET NUMBER: A-62562

TELEPHONE: (415) 781-1989

TELEFAX: (415) 398-3249

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Primer"

US-08-564-002-12

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1495 CCCAATCAGGCTGTGGGA 1514
Db 20 CCCAATCAGGCTGTGGGGA 1

RESULT 803

US-08-980-980-61/c

Sequence 61, Application US/08890980

Patent No. 5998141

GENERAL INFORMATION:

APPLICANT: Acton, Susan L.

TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR

NUMBER OF SEQUENCES: 86

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP

STREET: One Post Office Square

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Arnold, Beth E.

REGISTRATION NUMBER: 35,430

REFERENCE/DOCKET NUMBER: MIA-005.01

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-832-1000

TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 61:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Primer"

US-08-890-980-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3391 CAGCTGTCACCCCCACCTT 3410
Db 20 CAGATGCCACCCCAACCTT 1

RESULT 804

US-09-226-568-37/c

Sequence 37, Application US/09226568

Patent No. 6001992

GENERAL INFORMATION:

APPLICANT: Ackermann, Elizabeth J.

APPLICANT: Bennett, C. Frank

APPLICANT: Dean, Nicholas M.

APPLICANT: Marcussen, Eric G.

TITLE OF INVENTION: Antisense Modulation of No. 6001992el Anti-apoptotic

FILE REFERENCE: ISPH-0337

CURRENT FILING DATE: 1999-01-07

CURRENT APPLICATION NUMBER: US/09/226,568

NUMBER OF SEQ ID NOS: 39

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 37

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: antisense

US-09-226-568-37

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2869 AGGAGGAGGAGTGGGTA 2888
Db 20 AGGAGGAGGAGTGGTCTA 1

RESULT 805

US-08-890-979-61/c

Sequence 61, Application US/08890979

; Patent No. 6030778
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS
; TITLE OF INVENTION: DISORDERS
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,979
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-005.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-890-979-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3391 CAGCTGCCACCCACCTT 3410
||| ||||| |||||
Db 20 CAGATGCCACCAACACCTT 1

RESULT 806
US-09-289-267-56
; Sequence 56, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-56

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2077 CGATACTGTGCTACTGTGCG 2096
| ||||| ||||| |||||
Db 1 CCATACTGTGATCTCTGTGCG 20

RESULT 807
US-09-032-894-61/c
; Sequence 61, Application US/09032894
; Patent No. 6130041
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
; FILE REFERENCE: MIA-005.03
; CURRENT APPLICATION NUMBER: US/09/032,894
; CURRENT FILING DATE: 1998-02-27
; EARLIER APPLICATION NUMBER: 08/890,980
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-032-894-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3391 CAGCTGCCACCCACCTT 3410
||| ||||| ||||| |||||
Db 20 CAGATGCCACCAACACCTT 1

RESULT 808
US-08-765-340-10/c
; Sequence 10, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-10

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4464 TTTTGTGTTTTTTT 4483
Db 20 TTTGTGTTTTTTGTTTTT 1

RESULT 809

US-09-407-675-2/c
; Sequence 2, Application US/09407675
; Patent No. 6169176
; GENERAL INFORMATION:
; APPLICANT: Bruice, Thomas C.
; TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIUREA COMPOUNDS AND USES THEREOF
; FILE REFERENCE: 30448.65US02
; CURRENT APPLICATION NUMBER: US/09/407,675
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 09/347,443
; PRIOR FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: 60/091,481
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/111,800
; PRIOR FILING DATE: 1998-12-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligo 2
US-09-407-675-2

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4465 TTTTGTGTTTTTTT 4484
Db 20 TTTGTGTTTTTTGTTTTT 1

RESULT 810

US-09-429-322-70/c
; Sequence 70, Application US/09429322A
; Patent No. 6190869
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE C-THETA
; FILE REFERENCE: RTS-0100
; CURRENT APPLICATION NUMBER: US/09/429,322A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-322-70

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6854 ACTGCGCTTCTCCCTGGCA 6873
Db 20 ATTGCGCTTCTCCCTGGAA 1

RESULT 811

US-09-031-626-61/c
; Sequence 61, Application US/09031626
; Patent No. 6228581
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
; FILE REFERENCE: MIA-005.04
; CURRENT APPLICATION NUMBER: US/09/031,626
; CURRENT FILING DATE: 1998-02-27
; EARLIER APPLICATION NUMBER: 08/890,979
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-031-626-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3391 CAGCTGCCACCCCACTT 3410
Db 20 CAGATGCCCAACACCTT 1

RESULT 812

US-09-110-517-42
; Sequence 42, Application US/09110517A
; Patent No. 6248520
; GENERAL INFORMATION:
; APPLICANT: Roeder, Robert G
; APPLICANT: Fondell, Joseph D
; APPLICANT: Yuan, Chao X
; APPLICANT: Ito, Mitsuhiro
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING NUCLEAR HORMONE
; FILE REFERENCE: 600-1-224
; CURRENT APPLICATION NUMBER: US/09/110,517A
; CURRENT FILING DATE: 1998-07-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-110-517-42

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6880 GAGGCTGGTTGGTCTTC 6899
 ||||| ||||| ||||| |||||
 Db 1 GAGGCCGTTTGGTCTTC 20

RESULT 813

US-09-021-701-732
 ; Sequence 732, Application US/09021701
 ; Patent No. 6251588
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Karen W.
 ; APPLICANT: Wolber, Paul K.
 ; APPLICANT: Delenstarr, Glenda C.
 ; APPLICANT: Webb, Peter G.
 ; APPLICANT: Kincaid, Robert H.
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide
 ; TITLE OF INVENTION: probe sequences
 ; NUMBER OF SEQUENCES: 1165
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
 ; STREET: 3000 Hanover Street
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/021,701
 ; FILING DATE: 10-FEB-1998
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Choi, Wendy A.
 ; REGISTRATION NUMBER: 36,697
 ; REFERENCE/DOCKET NUMBER: 10971464-1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650-236-2386
 ; TELEFAX: 650-852-8063
 ; INFORMATION FOR SEQ ID NO: 732:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; US-09-021-701-732

Query Match 0.2%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 1.2e+03;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5699 TTGCGCTTCCTTCTCTTC 5718
 ||||| ||||| ||||| |||||
 Db 1 TTCCCTTCCTTTCATT 20

RESULT 814

US-09-021-701-733
 ; Sequence 733, Application US/09021701
 ; Patent No. 6251588
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Karen W.
 ; APPLICANT: Wolber, Paul K.
 ; APPLICANT: Delenstarr, Glenda C.
 ; APPLICANT: Webb, Peter G.
 ; APPLICANT: Kincaid, Robert H.
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide

; TITLE OF INVENTION: probe sequences
 ; NUMBER OF SEQUENCES: 1165
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
 ; STREET: 3000 Hanover Street
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/021,701
 ; FILING DATE: 10-FEB-1998
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Choi, Wendy A.
 ; REGISTRATION NUMBER: 36,697
 ; REFERENCE/DOCKET NUMBER: 10971464-1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650-236-2386
 ; TELEFAX: 650-852-8063
 ; INFORMATION FOR SEQ ID NO: 733:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; US-09-021-701-733

Query Match 0.2%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 1.2e+03;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5700 TTGCGCTTCCTTCTCTTC 5719
 ||||| ||||| ||||| |||||
 Db 1 TTCCCTTCCTTTCATT 20

RESULT 815

US-09-021-701-734
 ; Sequence 734, Application US/09021701
 ; Patent No. 6251588
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Karen W.
 ; APPLICANT: Wolber, Paul K.
 ; APPLICANT: Delenstarr, Glenda C.
 ; APPLICANT: Webb, Peter G.
 ; APPLICANT: Kincaid, Robert H.
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide
 ; TITLE OF INVENTION: probe sequences
 ; NUMBER OF SEQUENCES: 1165
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
 ; STREET: 3000 Hanover Street
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/021,701
 ; FILING DATE: 10-FEB-1998

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 734:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-734

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5701 TGCCTTCCTTTCTCTCTCT 5720
| | | | | | | | | | | | | | | | | | | | | |
Db 1 TCCCTTCCTTTTCCATTCT 20

RESULT 816
US-09-021-701-736
Sequence 736, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: Probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 736:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-09-021-701-736

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5703 CCTTCCTTTCTCTCTCTCT 5722
| | | | | | | | | | | | | | | | | | | | | |
Db 1 CCTTCCTTTTCCATTCTGT 20

RESULT 817
US-09-489-765A-50
Sequence 50, Application US/09489765A
Patent No. 6323029
GENERAL INFORMATION:
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRE
FILE REFERENCE: RTS-0124
CURRENT APPLICATION NUMBER: US/09/489,765A
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 85
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-765A-50

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3133 AAGGTCAACTCTGTAGCCCT 3152
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAGATCAACTCTGTGTCCT 20

RESULT 818
US-09-657-042A-38/c
Sequence 38, Application US/09657042A
Patent No. 6329203
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRES
FILE REFERENCE: RTS-0148
CURRENT APPLICATION NUMBER: US/09/657,042A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-38

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGC 7434
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GCCGACAGCAGCAGCTCCAGC 1

RESULT 819
US-09-651-011A-28/c

```
; Sequence 28, Application US/09651011A
; Patent No. 6346416
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
; FILE REFERENCE: RTS-0168
; CURRENT APPLICATION NUMBER: US/09/651,011A
; CURRENT FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-651-011A-28

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2147 GTGAGCTCTCATCCAAATC 2166
Db      20 GTGAGATCATCATCCAGTC 1

RESULT 820
US-09-536-259-9
; Sequence 9, Application US/09536259
; Patent No. 6358687
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benot
; APPLICANT: WELLINGER, Raymond
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MONITORING THE BINDING OF
; TITLE OF INVENTION: AL/UP1 TO TELOMERIC DNA SEQUENCES AND TELOMERASE RNA,
; TITLE OF INVENTION: AND TO MEASURE THE EFFECT OF THIS BINDING ON TELOMERE
; TITLE OF INVENTION: EXTENSION AND PROTECTION
; FILE REFERENCE: 9555.99US01
; CURRENT APPLICATION NUMBER: US/09/536,259
; CURRENT FILING DATE: 2000-03-27
; EARLIER APPLICATION NUMBER: 2,264,262
; EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-536-259-9

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3217 GTGGGTGGGAGGAGGAGG 3236
Db      1 GGGGGTGGGAGCAGGGAGG 20

RESULT 821
US-09-629-645A-92
; Sequence 92, Application US/09629645A
; Patent No. 6365354
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
; FILE REFERENCE: RTS-0137
; CURRENT APPLICATION NUMBER: US/09/629,645A

; Sequence 28, Application US/09651011A
; Patent No. 6346416
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
; FILE REFERENCE: RTS-0168
; CURRENT APPLICATION NUMBER: US/09/651,011A
; CURRENT FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-651-011A-28

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2147 GTGAGCTCTCATCCAAATC 2166
Db      20 GTGAGATCATCATCCAGTC 1

RESULT 820
US-09-536-259-9
; Sequence 9, Application US/09536259
; Patent No. 6358687
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benot
; APPLICANT: WELLINGER, Raymond
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MONITORING THE BINDING OF
; TITLE OF INVENTION: AL/UP1 TO TELOMERIC DNA SEQUENCES AND TELOMERASE RNA,
; TITLE OF INVENTION: AND TO MEASURE THE EFFECT OF THIS BINDING ON TELOMERE
; TITLE OF INVENTION: EXTENSION AND PROTECTION
; FILE REFERENCE: 9555.99US01
; CURRENT APPLICATION NUMBER: US/09/536,259
; CURRENT FILING DATE: 2000-03-27
; EARLIER APPLICATION NUMBER: 2,264,262
; EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-536-259-9

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3217 GTGGGTGGGAGGAGGAGG 3236
Db      1 GGGGGTGGGAGCAGGGAGG 20

RESULT 821
US-09-629-645A-92
; Sequence 92, Application US/09629645A
; Patent No. 6365354
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
; FILE REFERENCE: RTS-0137
; CURRENT APPLICATION NUMBER: US/09/629,645A

; Sequence 19, Application US/09295593
; Patent No. 6417169
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
; TITLE OF INVENTION: GROWTH
; FILE REFERENCE: 032396-046
; CURRENT APPLICATION NUMBER: US/09/295,593
; CURRENT FILING DATE: 1999-04-22
; EARLIER APPLICATION NUMBER: US 60/082,791
; EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION:
US-09-295-593-19

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4493 CATGGGTTGGCTGCTGTG 4512
Db      20 CATGGGTTGGCCATGTTG 1

RESULT 823
US-09-295-593-19/c
; Sequence 19, Application US/09295593
; Patent No. 6417169
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
; TITLE OF INVENTION: GROWTH
; FILE REFERENCE: 032396-046
; CURRENT APPLICATION NUMBER: US/09/295,593
; CURRENT FILING DATE: 1999-04-22
; EARLIER APPLICATION NUMBER: US 60/082,791
; EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION:
US-09-295-593-19

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4493 CATGGGTTGGCTGCTGTG 4512
Db      20 CATGGGTTGGCCATGTTG 1

RESULT 823
US-09-295-593-19/c
; Sequence 19, Application US/09295593
; Patent No. 6417169
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
; TITLE OF INVENTION: GROWTH
; FILE REFERENCE: 032396-046
; CURRENT APPLICATION NUMBER: US/09/295,593
; CURRENT FILING DATE: 1999-04-22
; EARLIER APPLICATION NUMBER: US 60/082,791
; EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION:
US-09-295-593-19

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4493 CATGGGTTGGCTGCTGTG 4512
Db      20 CATGGGTTGGCCATGTTG 1
```

Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5778 GCCTGCTGCTGCTGCTGCT 5797
Db 20 GCCTGCTGCTGCTGCTGCTGCT 1

RESULT 824

US-09-676-610B-104
; Sequence 104, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-104

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2862 GGAAGCAAGGAGGAGGAGG 2881
Db 1 GAATGCGAGGAGGAGGAGG 20

RESULT 825

US-09-844-525A-45
; Sequence 45, Application US/09844525A
; Patent No. 6468796
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION
; FILE REFERENCE: RTS-0230
; CURRENT APPLICATION NUMBER: US/09/844,525A
; CURRENT FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-45

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7272 TCCCCACAGCTGTACTTG 7291
Db 1 TCCCCACAGCTGTCTTCTG 20

RESULT 826

US-09-725-265-40/c
; Sequence 40, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-40

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTTATTTTATTTATATAT 6699
Db 20 CCTTTTATTTATATATAT 1

RESULT 827

US-09-725-265-41/c
; Sequence 41, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING D
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-41

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTTATTTTATTTATATAT 6699
Db 20 CCTTTTATTTATATATAT 1

; SEQUENCE DESCRIPTION: SEQ ID NO: 289;
US-09-402-923A-289

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1987 CTGGGAGCAGATGTACACA 2006
| ||||| ||||| ||||| |||||
Db 1 CAGGGAGCAGATCTTACCCA 20

RESULT 831

US-09-198-452A-2391/c
; Sequence 2391, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 2391

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-2391

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 457 CCTCAGATCTTGTGATCG 476
| ||||| ||||| ||||| |||||
Db 20 CGTCAGTCTTTGGAGATCG 1

RESULT 832

US-09-198-452A-2978

; Sequence 2978, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 2978

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-2978

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3684 CCAGAAAGCCGATTTTG 3703
| ||||| ||||| ||||| |||||
Db 1 CCAGAAAGCCGCAATTTG 20

RESULT 833

US-09-198-452A-5002/c

; Sequence 5002, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5002
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5002

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7415 GCAGCAGCAGCAGCAGC 7434
| ||||| ||||| ||||| |||||
Db 20 GCAGCAGCAGCAGCAGC 1

RESULT 834

US-09-198-452A-5785/c

; Sequence 5785, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 5785

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5785

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5033 CAGCTCAGCAGCAGCCTAC 5052
| ||||| ||||| ||||| |||||
Db 20 CTGCTCATTGGAGACTAC 1

RESULT 835

US-09-198-452A-6476/c

; Sequence 6476, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:

; APPLICANT: Griffais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 6476

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-6476

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7412 TCAGCAGCAGCAGCAGC 7431
DB 20 TCAGCAACGACACAGCAC 1

RESULT 836
US-09-198-452A-6842
; Sequence 6842, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:

; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6842
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6842

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2733 GGCCAAAGCGTCGAGTTC 2752
DB 1 GGCCAAAGCGTACCGATTC 20

RESULT 837
US-09-601-144-20/c
; Sequence 20, Application US/09601144
; Patent No. 6568514
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; APPLICANT: Lee, Yoon S.
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN
; TITLE OF INVENTION: AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING
; TITLE OF INVENTION: SAME TO MODULATE CELL GROWTH
; FILE REFERENCE: 683-112US-A
; CURRENT APPLICATION NUMBER: US/09/601,144
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: US 60/073,196
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-601-144-20

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1670 AACCTGTTTCTGCAATAT 1689
DB 20 AATCATGTTTCTGAAATAT 1

RESULT 838
US-09-823-634A-18/c
; Sequence 18, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.

; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02025
US-09-823-634A-18

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTITTTTTTTTTTTTTTTT 4483
DB 20 TTTTITATAATTTTTTTT 1

RESULT 839
US-09-823-647B-18/c
; Sequence 18, Application US/09823647B
; Patent No. 6596490
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02025
US-09-823-647B-18

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTITTTTTTTTTTTTTTTT 4483
DB 20 TTTTITATAATTTTTTTT 1

RESULT 840
US-09-780-045-104/c
; Sequence 104, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 104
; LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-104

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 65 GCTCGGGGGGGGGGGGGGGG 84
Db 20 GCGCGGGGGGGGGGGGGG 1

RESULT 841

PCT-US94-02891-22/c
Sequence 22, Application PC/TUS9402891
GENERAL INFORMATION:
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
APPLICANT: SERVICES
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: XSCID
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02891
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/031,143
FILING DATE: 12-MAR-1993
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FEILER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE: OLIGONUCLEOTIDE
DESCRIPTION: NO
HYPOTHETICAL: YES
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R

PCT-US94-02891-22

Query Match 0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2205 CTACCGAGATGGGTGCTG 2224
Db 20 CTACAGAGATCTGGTGCCTG 1

RESULT 842

US-08-145-704-11/c
Sequence 11, Application US/08145704
Patent No. 5567604
GENERAL INFORMATION:
APPLICANT: Rando, Robert F.
APPLICANT: Fennwald, Susan
APPLICANT: Zengedui, Joseph G.
APPLICANT: Joshua O. Ojwang
TITLE OF INVENTION: Anti-Viral Guanosine-Rich
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski
STREET: 1301 McKinney, Suite 5100
CITY: Houston
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,704
FILING DATE: 28-OCT-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,027
FILING DATE: 23-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5574-CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5151
TELEFAX: 713/651-5246
TELEX: 762829
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-145-704-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCATC 3017
Db 21 CCCCCACCCACCCACCCACC 2

RESULT 843

US-08-207-901-4/c
Sequence 4, Application US/08207901
Patent No. 5629153
GENERAL INFORMATION:
APPLICANT: Urdea, Michael S.
TITLE OF INVENTION: USE OF DNA-DEPENDENT RNA POLYMERASE
TITLE OF INVENTION: TRANSCRIPTS AS REPORTER MOLECULES FOR SIGNAL
TITLE OF INVENTION: AMPLIFICATION IN NUCLEIC ACID HYBRIDIZATION ASSAYS

```

;
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94608
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/207,901
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/639,560B
; FILING DATE: 10-JAN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Kenneth M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 00081.002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: 510-655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /note= "Represents the
; OTHER INFORMATION: N4-(6-aminocaproyl-2-aminoethyl) derivative of
; OTHER INFORMATION: 5-methyl cytidine"
;
; US-08-207-901-4
;
; Query Match 0.2%; Score 15.2; DB 1; Length 21;
; Best Local Similarity 85.0%; Pred. No. 1.4e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 3609 TTCTTTGGGGAATGGGGTGG 3628
; | | | | | | | | | | | | | | | | | | | |
; Db 20 TTCTTTGGGGAATGGGGTGG 1
;
; RESULT 844
; US-08-501-57/c
; Sequence 57, Application US/08639501
; Patent No. 5837492
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Kamb, Alexander
; APPLICANT: Simard, Jacques
; APPLICANT: Couch, Fergus
; APPLICANT: Rommens, Johanna
; APPLICANT: Weber, Barbara
; TITLE OF INVENTION: Chromosome 13-linked Breast Cancer
; TITLE OF INVENTION: Susceptibility Gene
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1001
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 22204
; COMPUTER READABLE FORM:

```

```

;
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,501
; FILING DATE: 29-APR-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/585,391
; FILING DATE: 11-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/576,559
; FILING DATE: 21-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/575,359
; FILING DATE: 20-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/573,779
; FILING DATE: 18-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-116802-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
; US-08-639-501-57
;
; Query Match 0.2%; Score 15.2; DB 1; Length 21;
; Best Local Similarity 85.0%; Pred. No. 1.4e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 4947 TTACTTTTTCCTGCTGGCT 4966
; | | | | | | | | | | | | | | | | | | | |
; Db 21 TTAACCTTTTTCCTGCTAGCT 2
;
; RESULT 845
; US-08-416-711-9/c
; Sequence 9, Application US/08416711
; Patent No. 6017538
; GENERAL INFORMATION:
; APPLICANT: DRUILHE, PIERRE
; APPLICANT: BOUHAROUN-TAYOUN, HASNAQ
; APPLICANT: OEUVRAY, CLAUDE
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
; TITLE OF INVENTION: PROTECTIVE ANTIBODIES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

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	US-08-416-711-9	Query Match	0.2%; Score 15.2; DB 1;	Length 21;	
		Best Local Similarity	85.0%; Pred. No. 1.4e+03;		
		Matches	17; Conservative	0; Mismatches	3; Indels
		Gaps	0;		
QY	5373 AAATGCATTTTTTCAGCCCTTT	5392			
DB	21 ATAAGCATTTTTTGCCCTTT	2			
RESULT 846					
US-09-044-946-57/c					
Sequence 57, Application US/09044946					
Patent No. 6033857					
GENERAL INFORMATION:					
APPLICANT: Tavtigian, Sean V.					
APPLICANT: Kamb, Alexander					
APPLICANT: Simard, Jacques					
APPLICANT: Couch, Fergus					
APPLICANT: Rommens, Johanna					
APPLICANT: Weber, Barbara					
TITLE OF INVENTION: Chromosome 13-linked Breast Cancer					
Susceptibility Gene					
NUMBER OF SEQUENCES: 124					
CORRESPONDENCE ADDRESS:					
Venable, Baetjer, Howard & Civiletti					
1201 New York Avenue N.W., Suite 1001					
Washington					
D.C.					
COUNTRY: USA					
ZIP: 22204					
COMPUTER READABLE FORM:					
Floppy disk					
IBM PC compatible					
OPERATING SYSTEM: PC-DOS/MS-DOS					
SOFTWARE: PatentIn Release #1.0, Version #1.30					
CURRENT APPLICATION DATA:					
APPLICATION NUMBER: US/09/044,946					
FILING DATE:					
CLASSIFICATION:					
PRIOR APPLICATION DATA:					
APPLICATION NUMBER: 08/639,501					
FILING DATE:					
PRIOR APPLICATION DATA:					
APPLICATION NUMBER: US 08/576,559					
FILING DATE: 21-DEC-1995					
PRIOR APPLICATION DATA:					
APPLICATION NUMBER: US 08/575,359					
FILING DATE: 20-DEC-1995					

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/573,779
; FILING DATE: 18-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-116802-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-09-044-908-57

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4947 TTAATTTTTCCTGGCTGCT 4966
| | | | | | | | | | | | | | | | | | | | |
Db 21 TTAATTTTTCCTGGCTGCT 2

RESULT 848
US-08-987-574-11/c
; Sequence 11, Application US/08987574
; Patent No. 6150339
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/987,574
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-535-168-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-987-574-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 2998 CCCCCACCCCTCACCCCATC 3017
|||||||
Db 21 CCCCCACCCACCCACCCACC 2

RESULT 850

US-09-017-974-11/c
; Sequence 11, Application US/09017974
; Patent No. 6288042
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Wallace, Thomas L.
; APPLICANT: Cossum, Paul A.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Tetrad Forming Oligonucleotides
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1800
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/017,974
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/037,374
; FILING DATE: 04-FEB-97
; APPLICATION NUMBER:
; FILING DATE: 09-DEC-97
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06223
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-017-974-11

Query Match 0.28; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.08; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCCATC 3017
|||||||
Db 21 CCCCCACCCACCCACCCACC 2

RESULT 851

US-08-682-255A-11/c
; Sequence 11, Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegui, Joseph G.

; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 23-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-682-255A-11

Query Match 0.28; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.08; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCCATC 3017
|||||||
Db 21 CCCCCACCCACCCACCCACC 2

RESULT 852

US-09-429-130-11/c
; Sequence 11, Application US/09429130
; Patent No. 6355785
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit

```

; 60/015,714
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & TAYON, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/429,130
; FILING DATE: 28-Oct-1999
; CLASSIFICATION: <Unknown>
; 19-JULY-95
; 25-MARCH-96
; 19-MARCH-96
; 17-APRIL-96
; 23-APRIL-96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/682,255
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 17-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-429-130-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 CCCCCCCCCCTACCCCATC 3017
Db 21 CCCCCCCCCCACCACCACC 2

RESULT 853
US-09-227-595-14/c
; Sequence 14, Application US/09227595
; Patent No. 6444792
; GENERAL INFORMATION:
; APPLICANT: Gray, Gary S. et al.
; TITLE OF INVENTION: CTLA4-Immunoglobulin Fusion Proteins
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD

```

```

; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/227,595
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/595,590
; FILING DATE: February 2, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-09-227-595-14

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6020 TTCCACACCTGTCCACTCC 6039
Db 20 TCTCCACAGGTGTCCACTCC 1

RESULT 854
US-09-356-497-9/c
; Sequence 9, Application US/09356497
; Patent No. 6472519
; GENERAL INFORMATION:
; APPLICANT: DRUILHE, PIERRE
; BOUHAROUN-TAYOUN, HASNAQ
; OEUVRAY, CLAUDE
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING
; PROTECTIVE ANTIBODIES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/356,497
; FILING DATE: 19-Jul-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/416,711
; FILING DATE: 08-AUG-1995

```

```
; APPLICATION NUMBER: PCT/FR93/01024
; FILING DATE: 18-OCT-1993
; APPLICATION NUMBER: FR 92/12488
; FILING DATE: 19-OCT-1992
; ATTORNEY/AGENT INFORMATION:
;   NAME: OBLON, NORMAN F.
;   REGISTRATION NUMBER: 24,618
;   REFERENCE/DOCKET NUMBER: 660-085-0 PCT
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 703-413-3000
;   TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 9:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 21 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA PRIMER"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-356-497-9
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Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Qy 5373 AAATGCATTTTTCCTCTTT 5392
Db 21 ATAAGCATTTTTCCTCTCT 2
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RESULT 855
US-09-422-978-6964
; Sequence 6964, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6964
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,
US-09-422-978-6964
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Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Qy 5707 CCTTTTCCTCTCTCTCTTT 5726
Db 1 CCTTTTCCTCTCTCTCTCT 20
```

```
RESULT 856
US-09-422-978-9636/c
; Sequence 9636, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9636
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-6261 for SEQ 1771, in complem
US-09-422-978-9636
```

```
Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5736 CCTTTCCTCTCTCTCTATT 5755
Db 21 CCTCACCTTTTCTCTCTT 2
```

```
RESULT 857
US-09-422-978-11166
; Sequence 11166, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11166
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3061 for SEQ 3301, in complem
US-09-422-978-11166
```

```
Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Qy 4635 CAACTTCAGTGTGGAATTC 4654
Db 2 CAACTTCAGTGTATATTC 21
```

```
RESULT 858
```

```
PCT-US96-11786-11/c
; Sequence 11, Application PC/TUS9611786
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11786
; FILING DATE: 17-JULY-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168; 60/001,505; 60/014,007; 60/013,688;
; APPLICATION NUMBER: 60/015,714; 60/016,271
; FILING DATE: 23-OCT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
; FILING DATE: APRIL-96; 17-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US96-11786-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCTC 3017
Db 21 CCCCCACCCCTCACCCTC 2

RESULT 859
US-08-457-273B-22/c
; Sequence 22, Application US/08457273B
; Patent No. 5849995
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael
; APPLICANT: Lin, Biaoyang
; APPLICANT: Nasir, Jamal
; TITLE OF INVENTION: Mouse Model for Huntington's Disease and
; TITLE OF INVENTION: Related DNA Sequences
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Virginia Bennett
; STREET: PO Box 37428

PCT-US96-11786-11/c
; Sequence 11, Application PC/TUS9611786
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11786
; FILING DATE: 17-JULY-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168; 60/001,505; 60/014,007; 60/013,688;
; APPLICATION NUMBER: 60/015,714; 60/016,271
; FILING DATE: 23-OCT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
; FILING DATE: APRIL-96; 17-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US96-11786-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2998 CCCCCACCCCTCACCCTC 3017
Db 21 CCCCCACCCCTCACCCTC 2

RESULT 859
US-08-457-273B-22/c
; Sequence 22, Application US/08457273B
; Patent No. 5849995
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael
; APPLICANT: Lin, Biaoyang
; APPLICANT: Nasir, Jamal
; TITLE OF INVENTION: Mouse Model for Huntington's Disease and
; TITLE OF INVENTION: Related DNA Sequences
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Virginia Bennett
; STREET: PO Box 37428
```

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; CITY: Raleigh
; STATE: No. 5849995th Carolina
; COUNTRY: US
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,273B
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Virginia C.
; REGISTRATION NUMBER: 37,092
; REFERENCE/DOCKET NUMBER: 3477-85A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-854-1400
; TELEFAX: 919-854-1401
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-273B-22

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5474 TTTTGTGTAAGATAATT 5493
Db 22 TTTTGTGTAAGATAATT 3

RESULT 860
US-08-104-165-29
; Sequence 29, Application US/08104165
; Patent No. 5877015
; GENERAL INFORMATION:
; APPLICANT: HARDY, John Anthony
; APPLICANT: GOATE, Alison Mary
; APPLICANT: MULLAN, Michael John
; APPLICANT: CHARTIER-HARLIN, Marie-Christine
; APPLICANT: OWEN, Michael John
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/104,165
; FILING DATE: 21-JAN-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 9101307.8
; FILING DATE: 21-JAN-1991
; APPLICATION NUMBER: 9118445.7
; FILING DATE: 28-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
```

REFERENCE/DOCKET NUMBER: 16163-000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (Primer)
US-08-104-165-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5617 TTACCCAAGCTTCAAGGAAG 5636
Db 2 TAACCCAAGCATCATGGAAG 21

RESULT 861

US-08-187-161-4
Sequence 4, Application US/08187161
Patent No. 5981175
GENERAL INFORMATION:
APPLICANT: Loring, Jeanne F.
APPLICANT: Choi, Theodore
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: Methods for Producing Transgenic
TITLE OF INVENTION: No. 5981175-Human Animals Harboring a Yeast Artificial Chromosome
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/187,161
FILING DATE: 25-JAN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Tracy J.
REGISTRATION NUMBER: 34,587
REFERENCE/DOCKET NUMBER: 14643-38-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
US-08-187-161-4

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5617 TTACCCAAGCTTCAAGGAAG 5636
Db 2 TAACCCAAGCATCATGGAAG 21

RESULT 862

US-08-464-250-29
Sequence 29, Application US/08464250
Patent No. 6107542
GENERAL INFORMATION:
APPLICANT: HARDY, John Anthony
APPLICANT: GOATE, Alison Mary
APPLICANT: MULLAN, Michael John
APPLICANT: CHARTIER-HARLIN, Marie-Christine
APPLICANT: OWEN, Michael John
TITLE OF INVENTION: Test and Model for Alzheimer's Disease
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: 379 Lytton Avenue
CITY: Palo Alto
STATE: California
COUNTRY: US
ZIP: 94301

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,250
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/104,165
FILING DATE: 21-JAN-1992
APPLICATION NUMBER: 9101307.8
FILING DATE: 21-JAN-1991
APPLICATION NUMBER: 9118445.7
FILING DATE: 28-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16163-000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (Primer)
US-08-464-250-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5617 TTACCCAAGCTTCAAGGAAG 5636
Db 2 TAACCCAAGCATCATGGAAG 21

RESULT 863

US-08-464-250-29
Sequence 29, Application US/08464250
Patent No. 6300540
GENERAL INFORMATION:
APPLICANT: HARDY, John Anthony
APPLICANT: GOATE, Alison Mary
APPLICANT: MULLAN, Michael John
APPLICANT: CHARTIER-HARLIN, Marie-Christine
APPLICANT: OWEN, Michael John
TITLE OF INVENTION: Test and Model for Alzheimer's Disease
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: 379 Lytton Avenue
CITY: Palo Alto
STATE: California
COUNTRY: US
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,250
FILING DATE: 05-Jun-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/104,165
FILING DATE: 21-JAN-1992
APPLICATION NUMBER: 9101307.8
FILING DATE: 21-JAN-1991
APPLICATION NUMBER: 9118445.7
FILING DATE: 28-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16163-000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (Primer)
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-08-464-250-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5617 TTACCCAGCTTCAGCGAG 5636
Db 2 TAACCCAGCATCATGGAAG 21

RESULT 864

US-09-126-980-4/c
Sequence 4, Application US/09126980
Patent No. 6270956
GENERAL INFORMATION:
APPLICANT: Jones, Katherine
APPLICANT: Wei, Ping
APPLICANT: Garber, Mitchell

APPLICANT: Fang, Shi-Min
TITLE OF INVENTION: A TRANSCRIPTIONAL COACTIVATOR THAT
TITLE OF INVENTION: INTERACTS WITH TAT PROTEIN AND REGULATES ITS
TITLE OF INVENTION: BINDING TO TAR RNA, METHODS FOR MODULATING TAT
TITLE OF INVENTION: TRANSCRIPTION, AND USES THEREFOR
FILE REFERENCE: SALK2231

CURRENT APPLICATION NUMBER: US/09/126,980
CURRENT FILING DATE: 1998-07-30
EARLIER APPLICATION NUMBER: 60/069,341
EARLIER FILING DATE: 1997-12-11
NUMBER OF SEQ ID NOS: 5

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 22

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: homo sapien

US-09-126-980-4

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5695 CTGTTTGGCTTCCTTTTCC 5714
Db 20 CTGTTTGTGAGCCCTTTTCC 1

RESULT 865

US-09-476-482-4/c
Sequence 4, Application US/09476482
Patent No. 6284456
GENERAL INFORMATION:

APPLICANT: Jones, Katherine A.
APPLICANT: Wei, Ping
APPLICANT: Garber, Mitchell
APPLICANT: Fang, Shi-Min

TITLE OF INVENTION: A TRANSCRIPTIONAL COACTIVATOR THAT
TITLE OF INVENTION: INTERACTS WITH TAT PROTEIN AND REGULATES ITS BINDING TO TAR
TITLE OF INVENTION: RNA, METHODS FOR MODULATING TAT TRANSCRIPTION, AND USES
TITLE OF INVENTION: THEREFOR

FILE REFERENCE: SALK2230-2
CURRENT APPLICATION NUMBER: US/09/476,482
CURRENT FILING DATE: 1999-12-30
EARLIER APPLICATION NUMBER: 09/126,980
EARLIER FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide for PCR

US-09-476-482-4

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5695 CTGTTTGGCTTCCTTTTCC 5714
Db 20 CTGTTTGTGAGCCCTTTTCC 1

RESULT 866

US-08-897-956A-23/c
Sequence 23, Application US/08897956A
Patent No. 6423512
GENERAL INFORMATION:

APPLICANT: Mary Ellen Digan
APPLICANT: Philip Lake
APPLICANT: Hermann Gram

TITLE OF INVENTION: Fusion Polypeptides
FILE REFERENCE: 600-7244/CPA
CURRENT APPLICATION NUMBER: US/08/897,956A
CURRENT FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/022,689

PRIOR FILING DATE: 1996-07-26
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 23
LENGTH: 22

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-08-897-956A-23

Query Match 0.2%; Score 15.2; DB 1; Length 22;

Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3704 CATTGGAAGGAATTGACTTC 3723
Db 20 CATTGGTGGAACTGACTTC 1

RESULT 867

US-09-134B-13/c
; Sequence 13, Application US/09390134B
; Patent No. 6518399
; GENERAL INFORMATION:
; APPLICANT: BARNES, ASHLEY A.
; APPLICANT: WISE, ALAN
; APPLICANT: MARSHALL, FIONA H.
; APPLICANT: FRASER, NEIL J. M.
; APPLICANT: WHITE, JULIE H. M.
; APPLICANT: FOORD, STEVEN M.
; TITLE OF INVENTION: NOVEL RECEPTOR
; FILE REFERENCE: PG3558US2
; CURRENT APPLICATION NUMBER: US/09/390,134B
; CURRENT FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: GB9819420.2
; PRIOR FILING DATE: 1998-09-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-390-134B-13

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7417 AGCAGCAGCAGCAGCAGCAC 7436
Db 21 AGCAGCAGCAGCAGCAGCACATCTC 2

RESULT 868

US-09-780-172-11
; Sequence 11, Application US/09780172
; Patent No. 6607916
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0159
; CURRENT APPLICATION NUMBER: US/09/780,172
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 11
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-780-172-11

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2408 CCACAGTGGACACCCACATC 2427
Db 2 CCACAGTGAAGAACCCAGCATC 21

RESULT 869

US-09-445-283C-45
; Sequence 45, Application US/09445283C
; Patent No. 6624296
; GENERAL INFORMATION:
; APPLICANT: Maliga, Daniel
; APPLICANT: Silhavy, Daniel
; APPLICANT: Sriraman, Priya
; TITLE OF INVENTION: Plastid Promoters for Transgene Expression in the Plastids of Higher Plants
; FILE REFERENCE: Rut 97-0097
; CURRENT APPLICATION NUMBER: US/09/445,283C
; CURRENT FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: PCT/US98/11437
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/058,670
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/048,376
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 45
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-445-283C-45

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3342 GAATCCAGTTTGTAGGAAGA 3361
Db 3 GAATTCCTGTTGTAGGAAGA 22

RESULT 870

US-09-750-401-17/c
; Sequence 17, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein complexes
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAGAAACAAAA 4039
Db 22 AAAAAATACAGAAATAAAAA 3

```
RESULT 871
US-09-750-401-19/c
; Sequence 19, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-19

Query Match          0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAGAAAAACAAA 4039
      ||||| - - - - - |||||
Db      22 AAAAAATACAGAAATATAAA 3

RESULT 872
US-08-081-539-1/c
; Sequence 1, Application US/08081539
; Patent No. 5501962
; GENERAL INFORMATION:
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Human/Murine
; TITLE OF INVENTION: Chimeric Hybrid Polypeptides
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mary Jo Kanady, G. D. Searle & Co., Corporate
; ADDRESSEE: Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/081,539
; FILING DATE: 21-JUN-1993
; PRIORITY APPLICATION NUMBER: US 08/081,539
; ATTORNEY/AGENT INFORMATION:
; NAME: Kanady, Mary J.
; REGISTRATION NUMBER: 28623
; REFERENCE/DOCKET NUMBER: 2724
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-466-647-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2

RESULT 873
US-08-466-647-1/c
; Sequence 1, Application US/08466647
; Patent No. 5543141
; GENERAL INFORMATION:
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Human/Murine
; TITLE OF INVENTION: Chimeric Hybrid Polypeptides
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mary Jo Kanady, G. D. Searle & Co., Corporate
; ADDRESSEE: Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,647
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIORITY APPLICATION NUMBER: US 08/081,539
; ATTORNEY/AGENT INFORMATION:
; NAME: Kanady, Mary J.
; REGISTRATION NUMBER: 28623
; REFERENCE/DOCKET NUMBER: 2724
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-466-647-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2
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; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-081-539-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2

RESULT 873
US-08-466-647-1/c
; Sequence 1, Application US/08466647
; Patent No. 5543141
; GENERAL INFORMATION:
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Human/Murine
; TITLE OF INVENTION: Chimeric Hybrid Polypeptides
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mary Jo Kanady, G. D. Searle & Co., Corporate
; ADDRESSEE: Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,647
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIORITY APPLICATION NUMBER: US 08/081,539
; ATTORNEY/AGENT INFORMATION:
; NAME: Kanady, Mary J.
; REGISTRATION NUMBER: 28623
; REFERENCE/DOCKET NUMBER: 2724
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-466-647-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3735 AGCTTTTAAAGATCACA 3754
      ||||| - - - - - |||||
Db      21 AGCTTATTAAAGATCGCTA 2
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RESULT 874

US-08-411-795B-1/c
; Sequence 1, Application US/08411795B
; Patent No. 5604116
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumnan
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation
; NUMBER OF SEQUENCES: 415
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/411,795B
; FILING DATE: 04-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11197
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-411-795B-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY

3735 AGCTTTTAAAGATCACAA 3754
||||| |||||||

Db

21 AGCTTATTAAAGATCGCTA 2

RESULT 875

US-08-411-796-1/c
; Sequence 1, Application US/08411796
; Patent No. 5677149
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.

; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumnan
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/411,796
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-411-796-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY

3735 AGCTTTTAAAGATCACAA 3754
||||| |||||||

Db

21 AGCTTATTAAAGATCGCTA 2

RESULT 876

US-08-469-319A-1/c
; Sequence 1, Application US/08469319A
; Patent No. 5817486
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.

; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.

```

; APPLICANT: Paik, Kumnan
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation
; TITLE OF INVENTION: Polypeptides
; NUMBER OF SEQUENCES: 415
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,319A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11197
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-469-319A-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCACRA 3754
DB 21 AGCTTATTAAAGATCGCTA 2

RESULT 877
US-08-378-617A-6
; Sequence 6, Application US/08378617A
; Patent No. 5849991
; GENERAL INFORMATION:
; APPLICANT: d'Apice, Anthony J.F.
; APPLICANT: Pearce, Martin J.
; APPLICANT: Robins, Allan J.
; APPLICANT: Crawford, Robert J.
; APPLICANT: Rathjen, Peter D.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR MANAGEMENT OF
; TITLE OF INVENTION: HYPERACUTE REJECTION IN HUMAN XENOTRANSPLANTATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 120 South Sixth Street, Suite 2500
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402

```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,617A
; FILING DATE: 26-JAN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ellinger, Mark S.
; REGISTRATION NUMBER: 34,812
; REFERENCE/DOCKET NUMBER: 06868/005001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 335-5070
; TELEFAX: (612) 288-9696
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-378-617A-5

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4459 TGGACTTTTTTTTTTTTTTTT 4478
DB 2 TTGAATTCCTTTTTTTTTTTT 21

RESULT 878
US-08-837-302-6/c
; Sequence 6, Application US/08837302
; Patent No. 5968741
; GENERAL INFORMATION:
; APPLICANT: Plevy, Scott E.
; APPLICANT: Targan, Stephan R.
; TITLE OF INVENTION: Methods of Diagnosing a Medically
; TITLE OF INVENTION: Resistant Clinical Subtype of Ulcerative Colitis
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,302
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-PM 2502
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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US-08-837-302-6

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5179 CTCGCGATGTTCTCCACTTG 5198
||||| ||||| ||||| ||||| |||||
Db 21 CTCGCGAGGTTCTCCCCATG 2

RESULT 879

US-08-798-668-6/c
; Sequence 6, Application US/08798668
; Patent No. 6001569
; GENERAL INFORMATION:
; APPLICANT: PLEVY M.D., SCOTT E
; APPLICANT: ROTTER M.D., JEROME I
; APPLICANT: TARGAN M.D., STEPHAN R
; APPLICANT: TOYODA Ph.D., HIROO
; APPLICANT: YANG M.D., HUIYING
; TITLE OF INVENTION: METHODS OF SCREENING FOR CROHN'S
; TITLE OF INVENTION: DISEASE USING TNF MICROSATELLITE ALLELES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK
; STREET: 444 SOUTH FLOWER STREET, SUITE 2000
; CITY: LOS ANGELES
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/798,668
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/245,297
; FILING DATE: 17-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: WHITEFORD, WENDY A
; REGISTRATION NUMBER: 36,964
; REFERENCE/DOCKET NUMBER: P07 32313
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-4442
; TELEFAX: (213) 489-4210
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-798-668-6

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5179 CTCGCGATGTTCTCCACTTG 5198
||||| ||||| ||||| ||||| |||||
Db 21 CTCGCGAGGTTCTCCCCATG 2

RESULT 880

US-08-471-039-1/c
; Sequence 1, Application US/08471039
; Patent No. 6017523
; GENERAL INFORMATION:

; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M. K.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olines, Peter O.
; APPLICANT: Paik, Kumnan
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,039
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA: PCT/US93/11198
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-471-039-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCACCA 3754
||||| ||||| ||||| ||||| |||||
Db 21 AGCTTATTAAAGATCGCTA 2

RESULT 881

US-08-855-825-6/c
; Sequence 6, Application US/08855825
; Patent No. 6183951
; GENERAL INFORMATION:
; APPLICANT: Plevy, Scott E.
; Targan, Stephan R.
; Taylor, Kent
; Barry, Mary J.

TITLE OF INVENTION: Methods of Diagnosing Clinical Subtypes
of Crohn's Disease with Characteristic Responsiveness to
Anti-Th1 Cytokine Therapy

```
;
;
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855,825
; FILING DATE: 12-May-1997
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-PM 2591
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
;
; US-08-855-825-6
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 5179 CTCGCGATGTTCTCCACTTG 5198
; DB 21 CTCGCGAGTTCTCCCATG 2
;
; RESULT 882
; US-09-395-345-24/c
; Sequence 24, Application US/09395345
; Patent No. 6376176
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Roter, Jerome I.
; TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
; FILE REFERENCE: P-CE 3639
; CURRENT APPLICATION NUMBER: US/09/395,345
; CURRENT FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-395-345-24
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 5179 CTCGCGATGTTCTCCACTTG 5198
; DB 21 CTCGCGAGTTCTCCCATG 2
;
; RESULT 883
;
; US-08-764-114-1/c
; Sequence 1, Application US/08764114
; Patent No. 6440407
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olins, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Methods of Ex-vivo Expansion of
; Hematopoietic Cells Using Interleukin-3 (IL-3) Multiple
; Titration
; TITLE OF INVENTION: Mutation Polypeptides
; NUMBER OF SEQUENCES: 415
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/764,114
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA: PCT/US93/11197
; FILING DATE: 22-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,795
; FILING DATE: 04-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6501
; TELEFAX: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-764-114-1
;
; Query Match 0.2%; Score 15.2; DB 1; Length 23;
; Best Local Similarity 85.0%; Pred. No. 1.6e+03;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 3735 AGCTTTTAAAGATCACAA 3754
; DB 21 AGCTTTTAAAGATCGCTA 2
;
; RESULT 884
; US-09-091-952A-39/c
; Sequence 39, Application US/09091952A
; Patent No. 6458532
```

GENERAL INFORMATION:
APPLICANT: Detera-Wadleigh, Sevilla D.
Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
Berrittini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1...23
OTHER INFORMATION: D18S996 forward primer
SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-091-952A-39
Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 7108 GAAAAATGAATTAATTCTTCC 7127
|||||
Db 23 GAAAAATGAATTAATTCTTCC 4
RESULT 885
US-08-469-419-1/c
Sequence 1, Application US/08469419
Patent No. 6458931
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
Bauer, S. C.
Bratford-Goldberg, Sarah R.
Caparon, Mair H.

Easton, Alan M.
Klein, Barbara K.
McKearn, John P.
Oline, Peter O.
Paik, Kuman
Thomas, John W.
TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation Polypeptides
NUMBER OF SEQUENCES: 415
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,419
FILING DATE: 06-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,795
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/US93/11197
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C2713/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708) 470-6881
TELEFAX: (708) 470-6501
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-08-469-419-1
Query Match 0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3735 AGCTTTTAAAGATCAACAA 3754
|||||
Db 21 AGCTTATTAAAGATCGCTA 2
RESULT 886
US-08-559-390-1/c
Sequence 1, Application US/08559390
Patent No. 6479261
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
Bauer, S. C.
Bratford-Goldberg, Sarah R.
Caparon, Mair H.
Easton, Alan M.
Klein, Barbara K.
McKearn, John P.
Oline, Peter O.
Paik, Kuman
Polazzi, Joseph O.
Thomas, John W.

Qy 3735 AGCTTTTAAAGATCAAA 3754
|||||
Db 21 AGCTTATTAAAGATGCTA 2

RESULT 889

US-08-666-405-15/c
; Sequence 15, Application US/08666405
; Patent No. 5874220
; GENERAL INFORMATION:
; APPLICANT: FACH, Patrick; GUILLLOU,
; APPLICANT: Jean-Pierre; POPOFF, Michel
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: AMPLIFICATION OF GENES CODING FOR THE
; TITLE OF INVENTION: ENTEROTOXIN AND THE LECITHINASE OF CLOSTRIDIUM
; TITLE OF INVENTION: PERFRINGENS AND THEIR APPLICATION TO THE
; TITLE OF INVENTION: DETECTION AND NUMERATION OF THESE BACTERIAE
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/666,405
FILING DATE: 08-NOV-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/BP94/04292
FILING DATE: 22-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/172,026
FILING DATE: 22-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: MUSERLIAN, CHARLES A
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 102.164
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Clostridium perfringens
US-08-666-405-15

Query Match 0.2%; Score 15.2; DB 1; Length 29;
Best Local Similarity 71.4%; Pred. No. 2.2e+03;
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 7017 CTTTACGAGGAAATAGGAACCTCC 7044
|||||
Db 29 CTTCAAAAAAAAAATAAAAAACCTCC 2

RESULT 890

US-08-863-639A-31/c
; Sequence 31, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:

; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 36 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-31

Query Match 0.2%; Score 15.2; DB 1; Length 36;
Best Local Similarity 63.9%; Pred. No. 2.6e+03;
Matches 23; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Qy 46 CGCGGCGGCGCAACGAGGCTCGGGGCGGCGGC 81
|||||
Db 36 CGCGGCGGCGCTGCTGCTGCTGCTGCTGCTGC 1

RESULT 891

US-08-452-196A-6/c
; Sequence 6, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:

; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinosso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch,
MEDIUM TYPE: 1.4 MB storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 7.1

```
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)889-6338
; TELEFAX: (215)889-8800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: no
; ORIGINAL SOURCE: synthesized
; US-08-452-196A-6

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 892
US-07-971-978-1
; Sequence 1, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 5614617ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution
; US-07-971-978-1

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15
```

RESULT 893
US-08-756-728A-2/c
; Sequence 2, Application US/08756728A
; Patent No. 5821354
; GENERAL INFORMATION:
; APPLICANT: Leclerc, Guy
; APPLICANT: Martel, Remi
; TITLE OF INVENTION: RADIO LABELED DNA OLIGONUCLEOTIDE, METHOD
; TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,728A
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1398-1-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
US-08-756-728A-2

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 894
US-08-663-918-3
; Sequence 3, Application US/08663918
; Patent No. 5824793
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein, Karen Fearon, Sergei Gryaznov, Sarah McCurdy, Jeff
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide N3 (symbol 174 \f "S)
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible

; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,918
; FILING DATE:
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-663-918-3

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 895
US-08-663-918-4/c
; Sequence 4, Application US/08663918
; Patent No. 5824793
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein, Karen Fearon, Sergei Gryaznov, Sarah McCurdy, Jeff
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide N3 (symbol 174 \f "S)
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,918
; FILING DATE:
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-663-918-4

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 15 TTTT TTTT TTTT TTTT 1

RESULT 896
US-08-292-620A-361
; Sequence 361, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 361:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-361

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 7.7e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478

Db 1 UUUUUUUUUUUUUU 15

RESULT 897
US-08-292-620A-362
; Sequence 362, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 362:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-362

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 7.7e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 UUUUUUUUUUUUUU 15

RESULT 898
US-08-771-789-3
; Sequence 3, Application US/08771789

```
; Patent No. 5859233
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein
; APPLICANT: Karen Fearon
; APPLICANT: Sergei Gryaznov
; APPLICANT: Sarah McCurdy
; APPLICANT: Jeffery Nelson
; APPLICANT: Ronald G. Schultz
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide
; N3 [symbol 174 \f "Symbol" \s 12]P5 Phosphoramidates
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771,789
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/663,918
; FILING DATE: 14-JUN-1996
; APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-771-789-3

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 899
US-08-771-789-4/c
; Sequence 4, Application US/08771789
; Patent No. 5859233
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein
; APPLICANT: Karen Fearon
; APPLICANT: Sergei Gryaznov
; APPLICANT: Sarah McCurdy
; APPLICANT: Jeffery Nelson
; APPLICANT: Ronald G. Schultz
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide
; N3 [symbol 174 \f "Symbol" \s 12]P5 Phosphoramidates
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
```

```
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771,789
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/663,918
; FILING DATE: 14-JUN-1996
; APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-771-789-4

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 15

RESULT 900
US-08-358-556A-10
; Sequence 10, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
```

; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
; US-08-358-556A-10

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 901
US-08-358-556A-16/c
; Sequence 16, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William B.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
; US-08-358-556A-16

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 902
US-08-922-170B-5
; Sequence 5, Application US/08922170B
; Patent No. 5968822
; GENERAL INFORMATION:
; APPLICANT: Iris Pecker, Israel Vlodavsky and Elena
; APPLICANT: Feinstein
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
; TITLE OF INVENTION: HAVING HEPARANASE ACTIVITY AND EXPRESSION OF
; TITLE OF INVENTION: SAME IN TRANSDUCED CELLS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
; STREET: 2940 Birchtree lane
; CITY: Silver Spring
; STATE: Maryland
; COUNTRY: United States of America
; ZIP: 20906
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted to
; SOFTWARE: an ASCII file
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/922,170B
; FILING DATE: 2 SEP 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 910/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-922-170B-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 903
US-08-863-639A-5/c
; Sequence 5, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 795-6321
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 904
US-08-863-639A-7/c
; Sequence 7, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 795-6321
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-7

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4471 TTTT TTTT TTTT TTTT 4485
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 905
US-08-863-639A-9
; Sequence 9, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 795-6321
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-9

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 906

US-08-693-831-1
; Sequence 1, Application US/08693831
; Patent No. 6017700
; GENERAL INFORMATION:
; APPLICANT: Horn, Thomas
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Balasubramanian, Tanjore N.
; TITLE OF INVENTION: CATIONIC OLIGONUCLEOTIDES, AND RELATED METHODS OF
; FILE REFERENCE: 1117.002
; CURRENT APPLICATION NUMBER: US/08/693,831
; CURRENT FILING DATE: 1996-07-31
; EARLIER APPLICATION NUMBER: US 08/693,831
; EARLIER FILING DATE: 1996-07-31
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Description of Artificial Sequence: poly-T
US-08-693-831-1

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 907

US-08-832-021-62
; Sequence 62, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardini, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-62

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4472 TTTT TTTT TTTT TTTT GTC 4486
Db 1 TTTT TTTT TTTT TTTT GTC 15

RESULT 908

US-09-183-619-4
; Sequence 4, Application US/09183619
; Patent No. 6103474
; GENERAL INFORMATION:
; APPLICANT: DELLINGER, DOUGLAS J.
; APPLICANT: DAHM, SUEANN C.
; APPLICANT: ILSLEY, DIANE D.
; APPLICANT: ACH, ROBERT A.
; APPLICANT: TROLL, MARK A.
; TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
; FILE REFERENCE: 10981619-1
; CURRENT APPLICATION NUMBER: US/09/183,619
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: 08/735,381
; EARLIER FILING DATE: 1996-10-21
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reporter probe
US-09-183-619-4

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 7.7e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 UUUUUUUUUUUUUUUUU 15

RESULT 909

US-09-071-845-361
; Sequence 361, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845

;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA: US/08/292,620
;; APPLICATION NUMBER: 32,327
;; FILING DATE: August 17, 1994
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 361:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-071-845-361

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 7.7e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
DB 1 UUUUUUUUUUUUUU 15

RESULT 910

US-09-071-845-362
; Sequence 362, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993

;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 362:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-071-845-362

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 0.0%; Pred. No. 7.7e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
DB 1 UUUUUUUUUUUUUU 15

RESULT 911

US-09-142-521-3
; Sequence 3, Application US/09142521
; Patent No. 6160102
; GENERAL INFORMATION:
; APPLICANT: GARBESI Anna Maria,
; APPLICANT: BONAZZI Stefania,
; APPLICANT: ZANELLA Stefania,
; APPLICANT: CAPOBIANCO Massimo Luigi,
; APPLICANT: GIANNINI Giuseppe,
; APPLICANT: ARCAMONE Federico
; TITLE OF INVENTION: OLIGONUCLEOTIDE-ANTHRACYCLINE
; TITLE OF INVENTION: AND OLIGONUCLEOTIDE-ANTHRACYCLINONE CONJUGATES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hedman, Gibson & Costigan
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk, 3.50 inch.
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,521
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FI96A000044
; FILING DATE: 13-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: James V. Costigan
; REGISTRATION NUMBER: 25,669
; REFERENCE/DOCKET NUMBER:
; TELEPHONE: 212-302-8989
; TELEFAX: 212-302-8998
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 915

US-08-150-156A-20/c
; Sequence 20, Application US/08150156A
; Patent No. 6357163
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN
; DIAGNOSTICS AND ANALYTICAL PROCEDURES
; NUMBER OF SEQUENCES: 40
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/150,156A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0986/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0987/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0510/92
; FILING DATE: 15-APR-1992
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: WO PCT/EP92/01220
; FILING DATE: 22-MAY-1992
US-08-150-156A-20

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 916

US-08-108-591B-17
; Sequence 17, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 17
; LENGTH: 15

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
US-08-108-591B-17

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 917

US-08-108-591B-18/c
; Sequence 18, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
US-08-108-591B-18

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 15 TTTT TTTT TTTT TTTT 1

RESULT 918

US-09-619-103-21/c
; Sequence 21, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-21

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 15 TTTT TTTT TTTT TTTT TTTT 1

RESULT 919

US-09-300-958A-68
; Sequence 68, Application US/09300958A
; Patent No. 6495319
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; TITLE OF INVENTION: Using Same
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-68

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 920

US-08-988-024C-9
; Sequence 9, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-08-988-024C-9

Query Match 0.2%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 921

US-09-435-739-5
; Sequence 5, Application US/09435739
; Patent No. 6664105
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodayevsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 00/20454
; CURRENT APPLICATION NUMBER: US/09/435,739
; CURRENT FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-435-739-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 922

US-10-091-231-2
; Sequence 2, Application US/10091231
; Patent No. 6664388
; GENERAL INFORMATION:
; APPLICANT: NELSON, Jeffrey S.
; TITLE OF INVENTION: REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION
; FILE REFERENCE: 4688US
; CURRENT APPLICATION NUMBER: US/10/091,231
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/274,309
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-091-231-2

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 923

US-09-930-218-5

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; Sequence 5, Application US/09930218
; Patent No. 6677137
; GENERAL INFORMATION:
; APPLICANT: goldshmidt, orit
; APPLICANT: pecker, iris
; APPLICANT: vlodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; TITLE OF INVENTION: HEPARANASE ACTIVITY
; FILE REFERENCE: 01/22335
; CURRENT APPLICATION NUMBER: US/09/930,218
; CURRENT FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 09/666,390
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
; US-09-930-218-5

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 924
PCT-US91-03680-15/C
; Sequence 15, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
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; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 2
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 4
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 15
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; PCT-US91-03680-15

Query Match 0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4017 GAGAAAAAAGAGAGA 4031
Db 15 GAGAAAAAAGAGAGA 1

RESULT 925
US-09-507-345A-3
; Sequence 3, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugene A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
```

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by 6-aminohexanoic acid
; (-NH(CH2-2)-6COOH)"
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-507-345A-3

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 926
US-09-507-345A-4
; Sequence 4, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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;
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = one
; 4-amino-N-methylpyrrol-2-carboxylic acid residue"
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-507-345A-4

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 927
US-09-507-345A-5
; Sequence 5, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
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represented by X, where m = two
4-amino-N-methylpyrrol-2-carboxylic acid residues"
SEQUENCE DESCRIPTION: SEQ ID NO: 5;
US-09-507-345A-5

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 928
US-09-507-345A-6
; Sequence 6, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates

NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/507,345A
FILING DATE: 18-Feb-2000
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003500US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod_base= OTHER
/note= "N = thymidine modified by minor groove binder moiety
represented by X, where m = three
4-amino-N-methylpyrrol-2-carboxylic acid residues"
SEQUENCE DESCRIPTION: SEQ ID NO: 6;
US-09-507-345A-6

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 929
US-09-507-345A-7
; Sequence 7, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates

NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/507,345A
FILING DATE: 18-Feb-2000
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003500US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod_base= OTHER
/note= "N = thymidine modified by minor groove binder moiety
represented by X, where m = four
4-amino-N-methylpyrrol-2-carboxylic acid residues"
SEQUENCE DESCRIPTION: SEQ ID NO: 7;
US-09-507-345A-7

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 930

US-09-507-345A-8
; Sequence 8, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = five
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-507-345A-8

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTNTTTTTTTTTT 4478
|||
Db 1 TTTTNTTTTTTTTTT 15

RESULT 931

US-09-739-928-3
; Sequence 3, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.

; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by 6-aminohexanoic acid
; (-NH(CH₂-2)-COOH)"
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-739-928-3

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTNTTTTTTTTTT 4478
|||
Db 1 TTTTNTTTTTTTTTT 15

RESULT 932

US-09-739-928-4
; Sequence 4, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
FILING DATE: 11-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:

NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod_base= OTHER
/note= "N = thymidine modified by minor groove binder moiety
represented by X, where m = one
4-amino-N-methylpyrrol-2-carboxylic acid residue"
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-739-928-4

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 933
US-09-739-928-5
Sequence 5, Application US/09739928
Patent No. 6486308
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
Ganper, Howard B.
Meyer Jr., Rich B.

TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
Groove Binder Conjugates
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
FILING DATE: 11-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:

NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod_base= OTHER
/note= "N = thymidine modified by minor groove binder moiety
represented by X, where m = two
4-amino-N-methylpyrrol-2-carboxylic acid residues"
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-739-928-5

Query Match 0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 934
US-09-739-928-6
Sequence 6, Application US/09739928
Patent No. 6486308
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
Ganper, Howard B.
Meyer Jr., Rich B.

TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
Groove Binder Conjugates
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = four
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
;
; US-09-739-928-7
;
; Query Match 0.2%; Score 15; DB 1; Length 16;
; Best Local Similarity 100.0%; Pred. No. 8.7e+02;
; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 4464 TTTT TTTT TTTT TTTT 4478
; DB 1 TTTT TTTT TTTT TTTT 15
;
; RESULT 936
; US-09-739-928-8
; Sequence 8, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998

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APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod base= OTHER
/notes "N = thymidine modified by minor groove binder moiety
represented by X, where m = five
4-amino-N-methylpyrrol-2-carboxylic acid residues"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-739-928-8

Query Match 0.2% Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 937
US-08-584-040-2547
Sequence 2547, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2547:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2547

Query Match 0.2% Score 15; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 9.9e+02;
Matches 2; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

Qy 4462 ACTTTT TTTT TTTT 4476
Db 3 ACUUUUUUUUUUU 17

RESULT 938
US-08-584-040-2552
Sequence 2552, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2552:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-2552

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 9.9e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 UUUUUUUUUUUUUU 15

RESULT 939

US-09-475-947A-118
; Sequence 118, Application US/09475947A

; Patent No. 6472154

; GENERAL INFORMATION:

; APPLICANT: Garner, Harold R.

; APPLICANT: Wren, Jonathan D.

; APPLICANT: Minna, John D.

; TITLE OF INVENTION: Polymorphic Repeats in Human Genes

; FILE REFERENCE: UTS0667

; CURRENT APPLICATION NUMBER: US/09/475,947A

; CURRENT FILING DATE: 1999-12-31

; NUMBER OF SEQ ID NOS: 346

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 118

; LENGTH: 17

; TYPE: DNA

; ORGANISM: human

US-09-475-947A-118

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 940

US-09-300-958A-63

; Sequence 63, Application US/09300958A

; Patent No. 6495319

; GENERAL INFORMATION:

; APPLICANT: McClelland, Michael

; APPLICANT: Welsh, John

; APPLICANT: Trenkle, Thomas

; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of

; FILE REFERENCE: P-PH 3457

; CURRENT APPLICATION NUMBER: US/09/300,958A

; CURRENT FILING DATE: 1999-04-27

; PRIOR APPLICATION NUMBER: 60/083,331

; PRIOR FILING DATE: 1998-04-27

; PRIOR APPLICATION NUMBER: 60/098,070

; PRIOR FILING DATE: 1998-08-27

; PRIOR APPLICATION NUMBER: 60/118,624

; PRIOR FILING DATE: 1999-02-04

; NUMBER OF SEQ ID NOS: 85

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 63

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-300-958A-63

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
DB 2 TTTT TTTT TTTT TTTT 16

RESULT 941

US-09-371-772B-1071

; Sequence 1071, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

; FILE REFERENCE: MBHB00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1071

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-1071

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 9.9e+02;
Matches 2; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTT TTTT TTTT TTTT 4476
DB 3 ACUUUUUUUUUUUUU 17

RESULT 942

US-09-371-772B-1076

; Sequence 1076, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

; FILE REFERENCE: MBHB00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1076

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-1076

Query Match 0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 9.9e+02;
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478

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Db      1 UUUUUUUUUUUU 15

RESULT 943
US-09-866-108A-1537/c
; Sequence 1537, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1537

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2474 TCCAGGCGCACCAGCC 2488
Db      16 TCCAGGCGCACCAGCC 2

RESULT 945
US-09-866-108A-1539/c
; Sequence 1539, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1537

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2474 TCCAGGCGCACCAGCC 2488
Db      17 TCCAGGCGCACCAGCC 3

RESULT 944
US-09-866-108A-1538/c
; Sequence 1538, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1539
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1539

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2474 TCCAGGGCCACCGCC 2498
Db    15 TCCAGGGCCACCGCC 1

RESULT 946
US-09-487-444-11
; Sequence 11, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-11

Query Match      0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  7413 CAGCAGCAGCAGCAG 7427
Db    4 CAGCAGCAGCAGCAG 18

RESULT 947
US-09-437-076-1/c
; Sequence 1, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER FILING DATE:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Word for Windows
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
```

```
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-1

Query Match      0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  4464 TTTT TTTT TTTT TTTT TTTT 4478
Db    18 TTTT TTTT TTTT TTTT TTTT 4

RESULT 948
US-09-437-076-2
; Sequence 2, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER FILING DATE:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Word for Windows
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-2

Query Match      0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  4464 TTTT TTTT TTTT TTTT TTTT 4478
Db    4 TTTT TTTT TTTT TTTT TTTT 18

RESULT 949
US-09-349-035-2
; Sequence 2, Application US/09349035
; Patent No. 6414135
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip Dan
; APPLICANT: Wang, Tingmin
; APPLICANT: Manoharan, Muthiah
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Monomers and Related Compound
; FILE REFERENCE: Isis-3311
; CURRENT APPLICATION NUMBER: US/09/349,035
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: M=2'-O-methyl nucleotide; *=3'-methylenephosphonate linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
```

OTHER INFORMATION: n=5-methyluridine
NAME/KEY: misc feature
LOCATION: (19)..(19)
OTHER INFORMATION: N=2'-O-methyl nucleotide
US-09-349-035-2

Query Match 0.2%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 950
US-09-353-359-9/c
Sequence 9, Application US/09593359
Patent No. 6552250
GENERAL INFORMATION:
APPLICANT: Larocche, Andre J.
APPLICANT: Nykiforuk, Cory L.
APPLICANT: Weselake, Randall J.
TITLE OF INVENTION: Diacylglycerol O-acyltransferase
FILE REFERENCE: 24015USO
CURRENT APPLICATION NUMBER: US/09/593,359
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Brassica napus
US-09-593-359-9

Query Match 0.2%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5177 GGCTCTGCATGTCT 5191
|||||
Db 15 GGCTCTGCATGTCT 1

RESULT 951
US-08-715-461-3
Sequence 3, Application US/08715461
Patent No. 5985556
GENERAL INFORMATION:
APPLICANT: KAMBARA, Hideki
APPLICANT: OKANO, Kazunori
TITLE OF INVENTION: DNA SEQUENCING METHOD AND DNA SAMPLE
TITLE OF INVENTION: PREPARATION METHOD
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANTONELLI, TERRY STOUT & KRAUS
STREET: 1300 No. 5985556th Seventeenth Street, Suite 1800
CITY: Arlington
STATE: VA
COUNTRY: USA
ZIP: 22209
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/715,461
FILING DATE: 18-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: TERRY, David T.
REGISTRATION NUMBER: 20,178

REFERENCE/DOCKET NUMBER: 500.34872X00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-312-6600
TELEFAX: 703-312-6666
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-715-461-3

Query Match 0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4470 TTTT TTTT TTTT TTTT 4484
|||||
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 952
US-08-715-461-4
Sequence 4, Application US/08715461
Patent No. 5985556
GENERAL INFORMATION:
APPLICANT: KAMBARA, Hideki
APPLICANT: OKANO, Kazunori
TITLE OF INVENTION: DNA SEQUENCING METHOD AND DNA SAMPLE
TITLE OF INVENTION: PREPARATION METHOD
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANTONELLI, TERRY STOUT & KRAUS
STREET: 1300 No. 5985556th Seventeenth Street, Suite 1800
CITY: Arlington
STATE: VA
COUNTRY: USA
ZIP: 22209
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/715,461
FILING DATE: 18-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: TERRY, David T.
REGISTRATION NUMBER: 20,178
REFERENCE/DOCKET NUMBER: 500.34872X00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-312-6600
TELEFAX: 703-312-6666
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-715-461-4

Query Match 0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4470 TTTT TTTT TTTT TTTT 4484

```

; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-389-956-87

```

Query Match	0.2%	Score 15;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.4e+03;		
Matches 15;	Conservative	0;	Mismatches 0;	Indels 0;
			Gaps 0;	

QY 4647 GGAATTTCCTCTTTG 4661
|||
Db 6 GGAATTTCCTCTTTG 20

```

RESULT 956
US-09-860-473-142
; Sequence 142, Application US/09860473
; Patent NO. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULAN
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/86
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; FEATURE: Artificial Sequence
; ORGANISM:
; OTHER INFORMATION: Antisense Oligon
US-09-860-473-142

```

```

Query Match          0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 30 GAGCTGCTGCAGGCT 44
 |||||
Db 6 GAGCTGCTGCAGGCT 20

```

RESULT 957
US-09-422-978-9155/c
; Sequence 9155, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/09/422978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9155
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplif

```

Db
1 |||||
1 TTTTTTTT

```

RESULT 953
US-09-289-368-63
; Sequence 63, Application US/09289368
; Patent NO. 5998148
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSION
; FILE REFERENCE: RYS-0051
; CURRENT APPLICATION NUMBER: US/09/289,368
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-289-368-63

```

```
Query Match      0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 3222 TGGAGGAGGGAAGG 3236
Db 4 TGGAGGAGGGAAGG 18

```

RESULT 954
US-09-844-634-57
; Sequence 57, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-57

```

```
Query Match      0.2%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1765 GTCATCCTGCCAGG 1779
|||
pb 1 GTCATCCTGCCAGG 15

```

RESULT 955
US-09-389-956-87
; Sequence 87, Application US/09389956
; Patent No. 6586579
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: PR-Domain Containing Nucleic Acids, Polypeptides,
; AND METHODS
; TITLE OF INVENTION: Antibodies and Methods
; FILE REFERENCE: P-LJ 3611
; CURRENT APPLICATION NUMBER: US/09/389,956
; CURRENT FILING DATE: 1999-09-03

```


US-09-422-978-9155

Query Match 0.2%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5151 GGGAGGGGAGTTCTC 5165
Db 21 GGGAGGGGAGTTCTC 7

RESULT 958

US-07-918-318-19
Sequence 19, Application US/07918318
Patent No. 5453372

GENERAL INFORMATION:
APPLICANT: VETTER, Roman
APPLICANT: MUECKE, Ingo
APPLICANT: WILKE, Detlef
APPLICANT: AMORY, Antoine
APPLICANT: AEHLE, Wolfgang
APPLICANT: SOBEK, Harald
APPLICANT: SCHOMBURG, Dietmar
APPLICANT: CLIPPE, Andre
TITLE OF INVENTION: STABILIZED ENZYMES AND PROCESS FOR
TITLE OF INVENTION: PREPARING THEM
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22313-0299

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/918,318
FILING DATE: 19920727

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, J. D.
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 16877/296 KACH
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
TELEX: 899149

INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-07-918-318-19

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAGAGAGAAA 4034
Db 1 AAAGTGAGACCATGGAGAGAAA 23

RESULT 959

US-08-242-402-6/c
Sequence 6, Application US/08242402
Patent No. 5580967

GENERAL INFORMATION:

APPLICANT: JOYCE, GERALD F
TITLE OF INVENTION: OPTIMIZED CATALYTIC DNA-CLEAVING
TITLE OF INVENTION: RIBOZYMES
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:

ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE, OFFICE OF
ADDRESSEE: PATENT COUNSEL
STREET: 10666 NORTH TORREY PINES ROAD, TPC 8
CITY: LA JOLLA
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,402
FILING DATE: 13-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: LOGAN, APRIL C
REGISTRATION NUMBER: 33,950
REFERENCE/DOCKET NUMBER: TSRI 412.0
TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-554-2937

TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-242-402-6

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 6683 TATTTTATTTATATATGGGCC 6705

Db 23 TTATTTATTTATTTAGAGGCC 1

RESULT 960

US-08-270-180-17/c

Sequence 17, Application US/08270180

Patent No. 5595873

GENERAL INFORMATION:

APPLICANT: Joyce, Gerald F.
TITLE OF INVENTION: ENZYMAIC RNA MOLECULES THAT CLEAVE
TITLE OF INVENTION: AMIDE BONDS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:

ADDRESSEE: The Scripps Research Institute, Office of
ADDRESSEE: Patent Counsel
STREET: 10666 No. 5595873th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/270,180
FILING DATE: 01-JUL-1994
CLASSIFICATION: 435

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/242,402
; FILING DATE: 13-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Logan, April C.
; REGISTRATION NUMBER: 33,950
; REFERENCE/DOCKET NUMBER: TSRI 412.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-270-180-17

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6683 TATTTTATTTATATATGCGGCC 6705
      ||||||||| |||||
DB 23 TTTATTTATTTATTTAGAGGCC 1

RESULT 961
US-08-295-643-22/c
; Sequence 22, Application US/08295643
; Patent No. 5859219
; GENERAL INFORMATION:
; APPLICANT: COVER, TIMOTHY L.
; APPLICANT: BLASER, MARTIN J.
; TITLE OF INVENTION: PURIFIED VACUOLATING TOXIN FROM
; TITLE OF INVENTION: HELICOBACTER PYLORI AND METHODS TO USE SAME
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/295,643
; FILING DATE: 26-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 2200.025
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
;
US-08-295-643-22

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```

STREET: 10666 No. 6063566th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/682,423
FILING DATE: 17-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/242,402
FILING DATE: 13-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/270,180
FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Logan, April C.
REGISTRATION NUMBER: 33,950
REFERENCE/DOCKET NUMBER: TSRI 412.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-682-423-29

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 6683 TATTTTATTTATATATGGGCC 6705
Db 23 TTTTATTTATTTATGAGGCC 1

RESULT 964
US-09-359-756-2
Sequence 2, Application US/09359756
Patent No. 6168950
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION
FILE REFERENCE: RTS-0077
CURRENT APPLICATION NUMBER: US/09/359,756
CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 2
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-359-756-2

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4878 GCAACTCACAAACGTAGCACAA 4900
Db 18 TTTTATTTATTTATGAGGCC 1

Db 1 GAAACTCTCAAAGGTTGCACAA 23
RESULT 965
US-09-230-704-3
Sequence 3, Application US/09230704
Patent No. 6251638
GENERAL INFORMATION:
APPLICANT: Lichtenstein, Anatoly V.
APPLICANT: Umansky, Samuel R.
APPLICANT: Melkonyan, Hovsep S.
TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCES IN URINE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAR BIOTECHNOLOGY INC.
STREET: 1401 Marina Way South
CITY: Richmond
STATE: CA
COUNTRY: USA
ZIP: 94804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/230,704
FILING DATE: 04-Feb-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Wilke, Kathryn P.
REGISTRATION NUMBER: 37,472
REFERENCE/DOCKET NUMBER: 23647-20022.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 412-9100
TELEFAX: (510) 412-9109
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-230-704-3

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5692 CCACTGTTTTCCTTCCTTTCC 5714
Db 1 CCATTCCTTGATTCGTTTC 23

RESULT 966
US-09-609-162-3
Sequence 3, Application US/09609162
Patent No. 6287820
GENERAL INFORMATION:
APPLICANT: Umansky, Samuel R.
APPLICANT: Lichtenstein, Anatoly V.
APPLICANT: Melkonyan, Hovsep S.
APPLICANT: Diagen Corporation
TITLE OF INVENTION: Methods for Detection of Nucleic Acid Sequences in Urine
FILE REFERENCE: 020811-000110US
CURRENT APPLICATION NUMBER: US/09/609,162
CURRENT FILING DATE: 2000-07-03
PRIOR APPLICATION NUMBER: US 60/048,170
PRIOR FILING DATE: 1997-05-30
PRIOR APPLICATION NUMBER: US 60/048,381
PRIOR FILING DATE: 1997-06-03

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; PRIOR APPLICATION NUMBER: WO PCT/US98/10965
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 09/230,704
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Y21 primer for
; OTHER INFORMATION: amplification of human Y-chromosome specific DY21
; OTHER INFORMATION: repeat fragment
US-09-609-162-3

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5692 CCACTGTTTTCCTTCCTTTTCC 5714
      ||||| ||||| ||||| |||||
Db 1 CCATTCCTTTCATTCGTTTCC 23

RESULT 967
US-09-634-732-3
; Sequence 3, Application US/09634732
; Patent No. 6492144
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil R.
; APPLICANT: Lichtenstein, Anatoly V.
; APPLICANT: Melkonyan, Hovsep S.
; APPLICANT: Diagen Corporation
; TITLE OF INVENTION: Methods for Detection of Nucleic Acid Sequences in
; FILE OF INVENTION: Urine
; FILE REFERENCE: 020811-000111US
; CURRENT APPLICATION NUMBER: US/09/634,732
; CURRENT FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 09/609,162
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: US 60/048,170
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,381
; PRIOR FILING DATE: 1997-06-03
; PRIOR APPLICATION NUMBER: WO PCT/US98/10965
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 09/230,704
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Y21 primer for
; OTHER INFORMATION: amplification of human Y-chromosome specific DY21
; OTHER INFORMATION: repeat fragment
US-09-634-732-3

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5692 CCACTGTTTTCCTTCCTTTTCC 5714
      ||||| ||||| ||||| |||||
Db 1 CCATTCCTTTCATTCGTTTCC 23

RESULT 968
US-09-597-771-23/c
; Sequence 23, Application US/09597771
; Patent No. 6538182
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYPUISINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING PROGRAMMED CELL
; TITLE OF INVENTION: DEATH IN PLANTS
; FILE REFERENCE: 10799/9
; CURRENT APPLICATION NUMBER: US/09/597,771
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1998-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-597-771-23

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3912 CATTTTTCACCTCTCGCTTCTTT 3934
      ||||| ||||| ||||| |||||
Db 23 CTTTCTCTCTCTAGGATTCCTTT 1

RESULT 969
US-09-180-245-67
; Sequence 67, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; APPLICANT: Carithers, Stephen L
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; CURRENT FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-67

Query Match          0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTGGG 3221
      ||||| ||||| ||||| |||||
Db 1 AATGAGGGGCTGGAATAGTGAG 23

RESULT 970
US-09-364-425B-33/c
; Sequence 33, Application US/09364425B
; Patent No. 6653086
; GENERAL INFORMATION:
; APPLICANT: Behan, Dominic P.
; APPLICANT: Chalmers, Derek T.
; APPLICANT: Liaw, Chen W.
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05141
; FILING DATE: 26-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/242,402
; FILING DATE: 13-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/270,180
; FILING DATE: 01-JUL-1994
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-05141-17

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. NO. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6683 TATTTTATTATATATGGGCC 6705
DB 23 TTTATTTATTATTAGAGGCC 1

RESULT 973
PCT-US95-05141-29/c
; Sequence 29, Application PC/TUS9505141
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: NOVEL ENZYMATIC RNA MOLECULES
; NUMBER OF SEQUENCES: 29
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05141
; FILING DATE: 26-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/242,402
; FILING DATE: 13-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/270,180
; FILING DATE: 01-JUL-1994
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
; PCT-US95-05141-29

Query Match 0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. NO. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6683 TATTTTATTATATATGGGCC 6705
DB 23 TTTATTTATTATTAGAGGCC 1

RESULT 974
US-09-475-947A-134/c
; Sequence 134, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:

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; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 24
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-134

Query Match          0.2%; Score 15; DB 1; Length 24;
Best Local Similarity 78.3%; Pred. No. 1.8e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAA 4039
   ||||||| |||||||
Db 24 GAAAAAAGAAAAAAGAAAAA 2

RESULT 975
US-09-356-806-82
; Sequence 82, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 24
; TYPE: DNA
; ORGANISM: H. sapiens
; US-09-356-806-82

Query Match          0.2%; Score 15; DB 1; Length 24;
Best Local Similarity 78.3%; Pred. No. 1.8e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4023 AAAGAGAGAAAAACAAATGTAT 4045
   ||||||| |||||||
Db 1 AAAAAAAGAAAAAATCTTTT 23

RESULT 976
US-08-621-914A-2/c
; Sequence 2, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; US-08-621-914A-2

Query Match          0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAA 4039
   ||||||| |||||||
Db 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 977
US-08-873-437-2/c
; Sequence 2, Application US/08873437
; Patent No. 6124092
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesa, Claudia
; APPLICANT: Fty, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture
; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,437
; FILING DATE: 12-JUN-1997
; PRIOR APPLICATION DATA: 60/027,832
; APPLICATION NUMBER: 60/027,832
; FILING DATE: 04-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-638-6245
; TELEFAX: 415-638-6071
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
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LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-873-437-2

Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039
||| ||||| ||| ||||| |||||
Db 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 978

US-09-522-217-39/c
Sequence 39, Application US/09522217
Patent No. 6307024
GENERAL INFORMATION:
APPLICANT: No. 6307024ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/522,217
EARLIER FILING DATE: 2000-03-09
EARLIER APPLICATION NUMBER: US 60/123,547
EARLIER FILING DATE: 1999-03-09
EARLIER APPLICATION NUMBER: US 60/123,904
EARLIER FILING DATE: 1999-03-11
EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-09-522-217-39

Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039
||| ||||| ||| ||||| |||||
Db 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 979

US-09-593-312-2/c
Sequence 2, Application US/09593312
Patent No. 6514699
GENERAL INFORMATION:
APPLICANT: O'Neill, Roger A.
APPLICANT: Chen, Jer-Kang
APPLICANT: Chiesa, Claudia
APPLICANT: Fry, George
TITLE OF INVENTION: Multiplex Polynucleotide Capture
TITLE OF INVENTION: Methods and Compositions
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: PE Applied Biosystems

STREET: 850 Lincoln Centre Drive
CITY: Foster City
STATE: CA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/593,312
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/873,437
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bortner, Scott R.
REGISTRATION NUMBER: 34,298
REFERENCE/DOCKET NUMBER: 4294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-638-6245
TELEFAX: 415-638-6071
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-593-312-2

Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAAA 4039
||| ||||| ||| ||||| |||||
Db 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 980

US-09-923-246-39/c
Sequence 39, Application US/09923246
Patent No. 6605272
GENERAL INFORMATION:
APPLICANT: No. 6605272ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/923,246
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764b

US-09-923-246-39

Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAA 4039
|| ||||| | | | | | | | | | |
DB 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 981

US-09-658-077-1/c

; Sequence 1, Application US/09658077

; Patent No. 6627748

; GENERAL INFORMATION:

; APPLICANT: Ju, Jingyue

; APPLICANT: et al

; TITLE OF INVENTION: Combinatorial Fluorescence Energy Transfer Tags And

; TITLE OF INVENTION: Their Applications For Multiplex Genetic Analyses

; FILE REFERENCE: 0575/62238/JPW/ADM

; CURRENT APPLICATION NUMBER: US/09/658,077

; CURRENT FILING DATE: 2000-09-11

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 1

; LENGTH: 26

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: scaffold

US-09-658-077-1

Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAA 4039
|| ||||| | | | | | | | | | |
DB 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 982

US-10-295-723-39/c

; Sequence 39, Application US/10295723

; Patent No. 6686178

; GENERAL INFORMATION:

; APPLICANT: No. 6686178ak, Julia E.

; APPLICANT: Presnell, Scott R.

; APPLICANT: Sprecher, Cindy A.

; APPLICANT: Foster, Donald C.

; APPLICANT: Holly, Richard D.

; APPLICANT: Gross, Jane A.

; APPLICANT: Johnston, Janet V.

; APPLICANT: Nelson, Andrew J.

; APPLICANT: Dillon, Stacey R.

; APPLICANT: Hammond, Angela K.

; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND

; FILE REFERENCE: 99-16

; CURRENT APPLICATION NUMBER: US/10/295,723

; CURRENT FILING DATE: 2002-11-15

; PRIOR APPLICATION NUMBER: 09/522,217

; PRIOR FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US 60/123,547

; PRIOR FILING DATE: 1999-03-09

; PRIOR APPLICATION NUMBER: US 60/123,904

; PRIOR FILING DATE: 1999-03-11

; PRIOR APPLICATION NUMBER: US 60/142,013

; PRIOR FILING DATE: 1999-07-01

; NUMBER OF SEQ ID NOS: 115

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 39

; LENGTH: 26

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer ZC7764b

US-10-295-723-39

Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 2.1e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAACAAA 4039
|| ||||| | | | | | | | | | |
DB 26 GAAAAAAGAAAAAAGAAAAA 4

RESULT 983

US-10-003-998A-7

; Sequence 7, Application US/10003998A

; Patent No. 6664064

; GENERAL INFORMATION:

; APPLICANT: Roche Diagnostics GmbH

; TITLE OF INVENTION: Method for melting curve analysis of repetitive PCR

; TITLE OF INVENTION: products

; FILE REFERENCE: 5438/00/EP

; CURRENT APPLICATION NUMBER: US/10/003,998A

; CURRENT FILING DATE: 2001-11-14

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 7

; LENGTH: 29

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-003-998A-7

Query Match 0.2%; Score 15; DB 1; Length 29;
Best Local Similarity 78.3%; Pred. No. 2.4e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAAACAAAT 4040
|| ||||| | | | | | | | | | |
DB 5 AAAAAAAGAAAAAAGAAAAAAT 27

RESULT 984

US-08-152-313-80

; Sequence 80, Application US/08152313

; Patent No. 5561041

; GENERAL INFORMATION:

; APPLICANT: Sidransky, David

; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY

; TITLE OF INVENTION: ANALYSIS OF SPUTUM

; NUMBER OF SEQUENCES: 128

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Spensley Horn Jubas & Lubitz

; STREET: 1880 Century Park East, Suite 500

; CITY: Los Angeles

; STATE: California

; COUNTRY: USA

; ZIP: 90067

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/152,313

; FILING DATE: 12-NOV-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Wetherell, Jr., Ph.D., John R.,

; REGISTRATION NUMBER: 31,678

; REFERENCE/DOCKET NUMBER: PD-2912

; TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-152-313-80

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7309 TTGAGATTGTGTTGTG 7326
Db 1 TTGAGGTGTGTTGTG 18

RESULT 985
US-08-330-000-1
Sequence 1, Application US/08330000
Patent No. 5686242
GENERAL INFORMATION:
APPLICANT: Bruce, Thomas W.
APPLICANT: Lima, Walter F.
TITLE OF INVENTION: DETERMINATION OF OLIGONUCLEOTIDES
FOR THERAPEUTICS, DIAGNOSTICS AND RESEARCH REAGENTS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
ADDRESSEE: No. 5686242ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,000
FILING DATE:

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 755,485
FILING DATE: September 5, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/07489
FILING DATE: September 4, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Ralph, Rebecca Lynne
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1723
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-330-000-1

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4460 GGACTTTTGTGTTGTTT 4477
Db 1 GGATGTTTGTGTTTGTGTTT 18

RESULT 986
US-08-579-223-80
Sequence 80, Application US/08579223
Patent No. 5726019
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,223
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-579-223-80

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7309 TTGAGATTGTGTTGTG 7326
Db 1 TTGAGGTGTGTTGTGTTG 18

RESULT 987
US-08-487-046-5/c
Sequence 5, Application US/08487046
Patent No. 5753489
GENERAL INFORMATION:
APPLICANT: Kistner, Otfried
APPLICANT: Barrett, No. 57534891
APPLICANT: Mundt, Wolfgang
APPLICANT: Dorner, Friedrich

```
; TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTU
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,046
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,761
; FILING DATE: 10-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/197/IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-487-046-5
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 4012 AAAATGAGAAAAAGAGA 4029
DB 18 AAAAGAGAAAAAAGA 1
;
; RESULT 988
; US-08-487-046-6
; Sequence 6, Application US/08487046
; Patent No. 5753489
; GENERAL INFORMATION:
; APPLICANT: Kistner, Otfried
; APPLICANT: Barrett, No. 57534891
; APPLICANT: Mundt, Wolfgang
; APPLICANT: Dornier, Friedrich
; TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTU
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,046
; FILING DATE: 07-JUN-1995
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; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,761
; FILING DATE: 10-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/197/IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-487-046-6
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 4012 AAAATGAGAAAAAGAGA 4029
DB 1 AAAAGAGAAAAAAGA 18
;
; RESULT 989
; US-08-483-522-5/c
; Sequence 5, Application US/08483522
; Patent No. 5756341
; GENERAL INFORMATION:
; APPLICANT: Kistner, Otfried
; APPLICANT: Barrett, No. 57563411
; APPLICANT: Mundt, Wolfgang
; APPLICANT: Dornier, Friedrich
; TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
; TITLE OF INVENTION: VIRUSES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,522
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,761
; FILING DATE: 10-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/199/IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-5

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAAGAGA 4029

Db 18 AAAAGAGAAAAAAGAGA 1

RESULT 990

US-08-483-522-6
; Sequence 6, Application US/08483522
; Patent No. 5758341

; GENERAL INFORMATION:

; APPLICANT: Kistner, Otfried

; APPLICANT: Barrett, No. 57583411

; APPLICANT: Mundt, Wolfgang

; APPLICANT: Dörner, Friedrich

; TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF

; VIRUSES

; NUMBER OF SEQUENCES: 7

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Foley & Lardner

; STREET: 3000 K Street, N.W., Suite 500

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20007-5109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/483,522

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/338,761

; FILING DATE: 10-NOV-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Bent, Stephen A.

; REGISTRATION NUMBER: 29,768

; REFERENCE/DOCKET NUMBER: 30472/199/IMMU

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202)672-5300

; TELEFAX: (202)672-5399

; TELEX: 904136

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-483-522-6

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAAGAGA 4029

Db 1 AAAAGAGAAAAAAGAGA 18

RESULT 991

US-09-213-768-17

; Sequence 17, Application US/09213768

; Patent No. 5985664

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION

; FILE REFERENCE: RTS-0026

; CURRENT APPLICATION NUMBER: US/09/213,768

; CURRENT FILING DATE: 1998-12-17

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 17

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-213-768-17

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 328 CTGCGCAATTACTTTGAG 345

Db 1 CTGTCCAATGACTTTGAG 18

RESULT 992

US-09-106-038A-24

; Sequence 24, Application US/09106038A

; Patent No. 6007995

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker and Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNF α

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 91

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Isis Pharmaceuticals, Inc.

; STREET: 2292 Faraday Avenue

; CITY: Carlebad

; STATE: CA

; COUNTRY: U.S.A.

; ZIP: 92008

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: Windows NT

; SOFTWARE: Microsoft Word 97

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/106,038A

; FILING DATE: June 26, 1998

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Laurel Spear Bernstein

; REGISTRATION NUMBER: 37,280

; REFERENCE/DOCKET NUMBER: RTS-0004

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (760) 931-9200

; TELEFAX: (760) 603-3820

; INFORMATION FOR SEQ ID NO: 24:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-106-038A-24

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7410 CATCAGCAGCAGCAGCAG 7427

Db 1 CATCAGCAGCAGCAGCAG 18


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; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEFAX: 67-3510
; INFORMATION FOR SEQ ID NO: 1169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-1169

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 65 GCTGCGGGCGGGCGGCG 82
Db 18 GCTGCTGCGGGCGGGCG 1

RESULT 997
US-08-795-951-32
; Sequence 32, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
; US-08-275-951-32

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAAAACAAA 4039
Db 1 TTTTGTTCCTTTTCTTT 18

RESULT 998
US-08-275-951-32/c
; Sequence 32, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
; US-08-275-951-32

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAAAACAAA 4039
Db 1 TTTTGTTCCTTTTCTTT 18
```

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Db      18 AAAAGAAAAAACAAA 1
||||| | |||||
Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 999
US-08-275-951-33
; Sequence 33, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISI51577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence
; NAME/KEY: misc:feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
US-08-275-951-33

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTCTTTTCTTTT 4481
||||| |||||
Db      1 TTTTCTTTTCTTTT 18

RESULT 1000
US-08-475-947A-340
; Sequence 340, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 340

Db      18 AAAAGAAAAAACAAA 1
||||| | |||||
Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 1001
US-09-280-030-28/c
; Sequence 28, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; TITLE OF INVENTION: DNAs
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a reverse primer for PCR amplification of
; OTHER INFORMATION: MWPeP-MWPeP5 DNA
US-09-280-030-28

Query Match      0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCA 7432
||||| |||||
Db      18 GCAGCAGCAGCAGCAGCA 1

RESULT 1002
US-09-422-978-6054/c
; Sequence 6054, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6054
; LENGTH: 18
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; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-8638 for SEQ 2120,
US-09-422-978-6054

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5704 CTCCTTTTCTCTCTC 5721
||||| |||||
Db 18 CTCCTTTTCTCTCTC 1

RESULT 1003
US-09-422-978-11203/c
; Sequence 11203, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11203
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-3385 for SEQ 3338, in complete
US-09-422-978-11203

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2341 CACACCGCCTTTCTGT 2358
||||| |||||
Db 18 CACACCGCCTTTCTGT 1

RESULT 1004
US-09-856-747-46/c
; Sequence 46, Application US/09856747
; Patent No. 665688
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowart
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTSP-0116
; CURRENT APPLICATION NUMBER: US/09/856,747
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 46
; LENGTH: 18

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-856-747-46

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2124 TGAAGACTTCTCTACAT 2141
||||| |||||
Db 18 TGAAGACTTCTCTCCAT 1

RESULT 1005
PCT-US94-12947A-80
; Sequence 80, Application PC/TUS9412947A
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Halle, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
PCT-US94-12947A-80

Query Match 0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7309 TTGAGATTGTGTGTGTG 7326
||||| |||||
Db 1 TTGAGGTGTGTGTGTG 18

RESULT 1006
US-08-167-113-8/c
; Sequence 8, Application US/08167113
; Patent No. 5776672
; GENERAL INFORMATION:
; APPLICANT: HASHIMOTO, Koji

APPLICANT: ITO, Keiko
APPLICANT: ISHIMORI, Yoshio
APPLICANT: GOTOH, Masanori
TITLE OF INVENTION: GENE DETECTION METHOD
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,113
FILING DATE: 16-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/766,064
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 2-259011
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-90879
FILING DATE: 22-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-191868
FILING DATE: 31-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 39-3751-0 FWC CIP
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-167-113-8

Query Match 0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 CACTGTACAGCACTGCC 527
| | | | | | | | | | | | | | | | | | | | |
Db 19 CCCTGTACAGCACTGCC 2

RESULT 1007
US-08-886-161-8/c
Sequence 8, Application US/08886161
Patent No. 5972692
GENERAL INFORMATION:
APPLICANT: HASHIMOTO, Koji
APPLICANT: ITO, Keiko
APPLICANT: ISHIMORI, Yoshio
APPLICANT: GOTOH, Masanori
TITLE OF INVENTION: GENE DETECTION METHOD
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400

CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/886,161
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,113
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 2-259011
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-90879
FILING DATE: 22-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-191868
FILING DATE: 31-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 39-3751-0 FWC CIP
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-886-161-8

Query Match 0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 CACTGTACAGCACTGCC 527
| | | | | | | | | | | | | | | | | | | | |
Db 19 CCCTGTACAGCACTGCC 2

RESULT 1008
US-08-899-029-1
Sequence 1, Application US/08899029
Patent No. 6143531
GENERAL INFORMATION:
APPLICANT: HUSE, WILLIAM D.
TITLE OF INVENTION: IMPROVED METHOD OF DOUBLE
STRANDED DNA SYNTHESIS
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds, LLP
STREET: 1155 Avenue of the Americas
CITY: New York,
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/899,029
FILING DATE: 22-JUL-1997
CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/116,049
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Abrams, Samuel B
REGISTRATION NUMBER: 30,605
REFERENCE/DOCKET NUMBER: 8142-125-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
US-08-899-029-1

Query Match 0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4459 TGGACTTTTTTTTTTTT 4476
DB 2 TCGAGTTTTTTTTTTT 19
RESULT 1009
US-09-422-978-5817
Sequence 5817, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5817
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19_bind
OTHER INFORMATION: upstream amplification primer 99-7104 for SEQ 1893,
US-09-422-978-5817

Query Match 0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5702 GCCTTCCTTTCTCTTC 5719
DB 1 GCCTTCCTTTCTCTTC 18

RESULT 1010
US-08-502-185-27
Sequence 27, Application US/08502185
Patent No. 5639736

GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,185
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-502-185-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938
DB 2 CCCAAGATGCCACCTG 19

RESULT 1011
US-08-502-185-34
Sequence 34, Application US/08502185
Patent No. 5639736
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,185
FILING DATE:
CLASSIFICATION: 514

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-502-185-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACTGAGGACA 2419
Db 2 CTGGGACCACTGAGGACA 19

RESULT 1012
US-08-502-185-37
; Sequence 37, Application US/08502185
; Patent No. 5639736
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/502,185
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-502-185-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 5921 CCCAGAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1013
US-08-398-945-27
; Sequence 27, Application US/08398945
; Patent No. 5639872
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,945
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Keirner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-398-945-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1014
US-08-398-945-34
; Sequence 34, Application US/08398945
; Patent No. 5639872
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA

```

```

; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,945
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-398-945-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACAGTGGACA 2419
Db 2 CTGGGACCACAGTGGACA 19

RESULT 1015
US-08-398-945-37
; Sequence 37, Application US/08398945
; Patent No. 5639872
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,945
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-398-945-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGAGATGCCACCTG 5938
Db 2 CCACAGAGATGCCACCTG 19

RESULT 1016
US-08-371-121-19/c
; Sequence 19, Application US/08371121
; Patent No. 5652123
; GENERAL INFORMATION:
; APPLICANT: CAPUT, Daniel
; APPLICANT: FERRARA, Pascual
; APPLICANT: GUILLEMOT, Jean-Claude
; APPLICANT: LEPLATOIS, Pascal
; APPLICANT: MINTY, Adrian
; APPLICANT: KAGHAD, Mourad
; APPLICANT: LABIT-LE BOUTELLER, Christine
; APPLICANT: MAGAZIN, Marilyn
; TITLE OF INVENTION: Protein having a cytokine type
; TITLE OF INVENTION: activity, recombinant DNA coding for this protein,
; TITLE OF INVENTION: transformed cells and microorganisms.
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/371,121
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,161
; FILING DATE: 30-NOV-1992
; PRIOR APPLICATION DATA: PCT/FR92/00280
; APPLICATION NUMBER: 27-MAR-1992
; FILING DATE: 27-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 00137
; FILING DATE: 08-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 91 03904
; FILING DATE: 29-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Bernhard D.
; REGISTRATION NUMBER: 28,665
; REFERENCE/DOCKET NUMBER: 16781/383
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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TOPOLOGY:	linear	Score	14.8;	DB	1;	Length	20;
MOLECULE TYPE:	DNA (genomic)						
HYPOTHETICAL:	NO						
US-08-371-121-19							
Query Match		0.2%;					
Best Local Similarity		88.9%;					
Matches	16;	Conservative	0;	Mismatches	2;	Indels	0;
Gaps	0;						
QY	4460	GGACTTTTTTTTTTTT	4477				
Db	18	GGCCCTTTTTTTTTTTT	1				
RESULT 1017							
US-08-501-779-27							
Sequence 27,	Application	US/08501779					
Patent No. 5661135							
GENERAL INFORMATION:							
APPLICANT:	Robinson, Gregory S.						
TITLE OF INVENTION:	Human VEGF-Specific						
NUMBER OF SEQUENCES:	53						
CORRESPONDENCE ADDRESS:							
ADDRESSEE:	Lappin & Kusmer						
STREET:	200 State Street						
CITY:	Boston						
STATE:	Massachusetts						
COUNTRY:	USA						
ZIP:	02109						
COMPUTER READABLE FORM:							
MEDIUM TYPE:	Floppy disk						
COMPUTER:	IBM PC compatible						
OPERATING SYSTEM:	PC-DOS/MS-DOS						
SOFTWARE:							
CURRENT APPLICATION DATA:							
APPLICATION NUMBER:	US/08/501,779						
FILING DATE:							
CLASSIFICATION:	514						
ATTORNEY/AGENT INFORMATION:							
NAME:	Kerner, Ann-Louise						
REGISTRATION NUMBER:	33,523						
REFERENCE/DOCKET NUMBER:	HYZ-031CPDV2						
TELECOMMUNICATION INFORMATION:							
TELEPHONE:	617-330-1300						
TELEFAX:	617-330-1311						
INFORMATION FOR SEQ ID NO:	34:						
SEQUENCE CHARACTERISTICS:							
LENGTH:	20 base pairs						
TYPE:	nucleic acid						
STRANDEDNESS:	single						
TOPOLOGY:	linear						
MOLECULE TYPE:	cdNA						
HYPOTHETICAL:	NO						
ANTI-SENSE:	YES						
US-08-501-779-34							
Query Match		0.2%;					
Best Local Similarity		88.9%;					
Matches	16;	Conservative	0;	Mismatches	2;	Indels	0;
Gaps	0;						
QY	5921	CCGAGAGTGCACCTG	5938				
Db	2	CCCAAGATGCCACCTG	19				
RESULT 1018							
US-08-501-779-34							
Sequence 34,	Application	US/08501779					
Patent No. 5661135							
GENERAL INFORMATION:							
APPLICANT:	Robinson, Gregory S.						
TITLE OF INVENTION:	Human VEGF-Specific						
NUMBER OF SEQUENCES:	53						
CORRESPONDENCE ADDRESS:							
ADDRESSEE:	Lappin & Kusmer						
STREET:	200 State Street						
CITY:	Boston						
STATE:	Massachusetts						
COUNTRY:	USA						
ZIP:	02109						
COMPUTER READABLE FORM:							
MEDIUM TYPE:	Floppy disk						
COMPUTER:	IBM PC compatible						
OPERATING SYSTEM:	PC-DOS/MS-DOS						
SOFTWARE:							
CURRENT APPLICATION DATA:							
APPLICATION NUMBER:	US/08/501,779						
FILING DATE:							
CLASSIFICATION:	514						
ATTORNEY/AGENT INFORMATION:							
NAME:	Kerner, Ann-Louise						
REGISTRATION NUMBER:	33,523						
REFERENCE/DOCKET NUMBER:	HYZ-031CPDV2						
TELECOMMUNICATION INFORMATION:			</				

REFERENCE/DOCKET NUMBER: HYZ-031CPDV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-779-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5921 CCCAGAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1020

US-08-501-713-27
Sequence 27, Application US/08501713
Patent No. 5710136

GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,713
FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES

US-08-501-713-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5921 CCCAGAGATGTCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1021

US-08-501-713-34
Sequence 34, Application US/08501713
Patent No. 5710136

GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/501,713
FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES

US-08-501-713-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2402 CTGGGACCACAGTGAGCA 2419
Db 2 CTGGGACCACAGTGAGCA 19

RESULT 1022

US-08-501-713-37
Sequence 37, Application US/08501713
Patent No. 5710136

GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lappin & Kusmer
;; STREET: 200 State Street
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: USA
;; ZIP: 02109
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE:
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/501,713
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kerner, Ann-Louise
;; REGISTRATION NUMBER: 33,523
;; REFERENCE/DOCKET NUMBER: HYZ-031DV2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-330-1300
;; TELEFAX: 617-330-1311
;; INFORMATION FOR SEQ ID NO: 37:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
;; US-08-501-713-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCACAGATGTCACCTG 19

RESULT 1023
US-08-378-860-27
; Sequence 27, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise

;; REGISTRATION NUMBER: 33,523
;; REFERENCE/DOCKET NUMBER: HYZ-031
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-330-1300
;; TELEFAX: 617-330-1311
;; INFORMATION FOR SEQ ID NO: 27:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
;; US-08-378-860-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCACAGATGTCACCTG 19

RESULT 1024
US-08-378-860-34
; Sequence 34, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-378-860-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCACAGATGTCACCTG 5938
Db 2 CCACAGATGTCACCTG 19

RESULT 1023
US-08-378-860-27
; Sequence 27, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGACACAGTGAC 2419
|||||||
Db 2 CTGGACACAGTGAC 19

RESULT 1025
US-08-378-860-37
; Sequence 37, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HVZ-031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-378-860-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938
|||||||
Db 2 CCCAAGATGCCACCTG 19

RESULT 1026
US-08-501-626-27
; Sequence 27, Application US/08501626
; Patent No. 5801156
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides

; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,626
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HVZ-031DVA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-501-626-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938
|||||||
Db 2 CCCAAGATGCCACCTG 19

RESULT 1027
US-08-501-626-34
; Sequence 34, Application US/08501626
; Patent No. 5801156
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,626
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:

```

; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-031DV4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-501-626-34

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2402 CTGGGACCACTGAGACA 2419
Db 2 CTGGGACCACTGAGACA 19

RESULT 1028
US-08-501-626-37
; Sequence 37, Application US/08501626
; Patent No. 5801156
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,626
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-031DV4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-501-626-37

Query Match 0.2%; Score 14.8; DB 1; Length 20;

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Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1029
US-08-501-356-27
; Sequence 27, Application US/08501356
; Patent No. 5814620
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,356
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-031DV3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-501-356-27

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5921 CCCAGAGATGCCACCTG 5938
Db 2 CCCAAGATGCCACCTG 19

RESULT 1030
US-08-501-356-34
; Sequence 34, Application US/08501356
; Patent No. 5814620
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific

```


;; TITLE OF INVENTION: Oligonucleotides
;; NUMBER OF SEQUENCES: 53
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lappin & Kusner
;; STREET: 200 State Street
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: USA
;; ZIP: 02109
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE:
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/501,356
;; FILING DATE:
;; CLASSIFICATION: 514
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kerner, Ann-Louise
;; REGISTRATION NUMBER: 33,523
;; REFERENCE/DOCKET NUMBER: HYZ-031DV3
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-330-1300
;; TELEFAX: 617-330-1311
;; INFORMATION FOR SEQ ID NO: 34:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
;; US-08-501-356-34
;
Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 2402 CTGGGACCACAGTGGA 2419
Db 2 CTGGGACCACAGTGGA 19
;
RESULT 1031
US-08-501-356-37
;; Sequence 37, Application US/08501356
;; Patent No. 5814620
;; GENERAL INFORMATION:
;; APPLICANT: Robinson, Gregory S.
;; APPLICANT: Smith, Lois E.H.
;; TITLE OF INVENTION: Inhibition of
;; TITLE OF INVENTION: Neovascularization Using
;; TITLE OF INVENTION: VEGF-Specific
;; TITLE OF INVENTION: Oligonucleotides
;; NUMBER OF SEQUENCES: 53
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lappin & Kusner
;; STREET: 200 State Street
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: USA
;; ZIP: 02109
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE:
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/501,356
;; FILING DATE:
;; CLASSIFICATION: 514

;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kerner, Ann-Louise
;; REGISTRATION NUMBER: 33,523
;; REFERENCE/DOCKET NUMBER: HYZ-031DV3
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-330-1300
;; TELEFAX: 617-330-1311
;; INFORMATION FOR SEQ ID NO: 37:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
;; US-08-501-356-37
;
Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 5921 CCCAGAGATGCCACCTG 5938
Db 2 CCCAGAGATGCCACCTG 19
;
RESULT 1032
US-08-227-180B-46/c
;; Sequence 46, Application US/08227180B
;; Patent No. 5866698
;; GENERAL INFORMATION:
;; APPLICANT: Ecker et al.
;; TITLE OF INVENTION: Modulation of Gene Expression
;; TITLE OF INVENTION: Through Interference with RNA Secondary Structure
;; NUMBER OF SEQUENCES: 51
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Jane Massey Licata, Esq.
;; STREET: 210 Lake Drive East, Suite 201
;; CITY: Cherry Hill
;; STATE: NJ
;; COUNTRY: USA
;; ZIP: 08002
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM 486
;; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
;; SOFTWARE: WORDPERFECT 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/227,180B
;; FILING DATE: April 13, 1994
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/518,929
;; FILING DATE: May 4, 1990
;; APPLICATION NUMBER: PCT/US91/02588
;; FILING DATE: April 15, 1991
;; APPLICATION NUMBER: 07/801,168
;; FILING DATE: No. 5866698ember 20, 1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISIS-1420
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; INFORMATION FOR SEQ ID NO: 46:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: YES

US-08-227-180B-46

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1178 ATCTGCGCTGCTACAG 1195
||||| ||| |||||
DB 19 ATCTGCGCTTCTACAG 2

RESULT 1033

US-08-692-787-62/c
Sequence 62, Application US/08692787
Patent No. 5882864

GENERAL INFORMATION:

APPLICANT: An, Gang
APPLICANT: O'Hara, S. Mark
APPLICANT: Ralph, David
APPLICANT: Veltre, Robert

TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
PROGNOSIS AND MANAGEMENT OF PROSTATE

TITLE OF INVENTION: DISEASE

NUMBER OF SEQUENCES: 82

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: United States of America

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/692,787

FILING DATE: Concurrently Herewith

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Corder, Timothy S.

REGISTRATION NUMBER: 38,414

REFERENCE/DOCKET NUMBER: UROC:012

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-692-787-62

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3414 CTTATTCTCTCTGTCCA 3431
||||| ||| |||||
DB 19 CATATTCTTCTGTCCA 2

RESULT 1034

US-08-837-201C-97/c

Sequence 97, Application US/08837201C

Patent No. 598558

GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

TITLE OF INVENTION: Antisense Oligonucleotide

TITLE OF INVENTION: Compositions and Methods for the Modulation of

TITLE OF INVENTION: Activating Protein 1

NUMBER OF SEQUENCES: 139

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: USA

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/837,201C

FILING DATE: April 14, 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0209

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 810-1515

TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 97:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-08-837-201C-97

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1284 CCAGACCTCGACCATGAT 1301
||||| ||| |||||
DB 19 CCAGACCTCGACCATGAT 2

RESULT 1035

US-08-904-901-158

Sequence 158, Application US/08904901

Patent No. 5998383

GENERAL INFORMATION:

APPLICANT: Wright, Jim A.

APPLICANT: Young, Aiping H.

TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED

TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE

NUMBER OF SEQUENCES: 163

CORRESPONDENCE ADDRESS:

ADDRESSEE: KOHN & ASSOCIATES

STREET: 30500 No. 5998383thwestern Hwy. Suite 410

CITY: Farmington Hills

STATE: Michigan

COUNTRY: US

ZIP: 48334

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/904,901

FILING DATE:

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227.00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 158:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-904-901-158

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTT 4480
DB 3 CGTTTTTTTCTTTT 20

RESULT 1036
US-07-927-391-20/c
Sequence 20, Application US/07927391
Patent No. 6001649
GENERAL INFORMATION:
APPLICANT: CAPUT, Daniel
APPLICANT: FERRARA, Pascual
APPLICANT: MILLOUX, Brigitte
APPLICANT: MINTY, Adrian
APPLICANT: VITA, Natalio
TITLE OF INVENTION: Protein having a cytokin type
TITLE OF INVENTION: activity, and recombinant DNA, expression vector and hosts
TITLE OF INVENTION: for its preparation.
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
STREET: King Street Station, Suite 500, 1800 Diagonal
STREET: Road, PO Box 299
CITY: ALEXANDRIA
STATE: VIRGINIA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/927,391
FILING DATE: 19920929
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: SAXE, Bernhard D.
REGISTRATION NUMBER: 28,665
REFERENCE/DOCKET NUMBER: 16781/369
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-9300
TELEFAX: (703) 683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-07-927-391-20

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTT 4477
DB 18 GGCCCTTTTTTTTTTTT 1

RESULT 1037
US-08-940-250-24/c
Sequence 24, Application US/08940250
Patent No. 6001991
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, Muthiah Manoharan
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of MDR P-Glycoprotein Gene Expression
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,250
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/731,199
FILING DATE: 10/4/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0217
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-940-250-24

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1103 AGAGTGGCAGACTGTGG 1120
DB 19 AGAGTGGCAGACGGTGG 2

RESULT 1038
US-08-858-876A-6/c
Sequence 6, Application US/08858876A
Patent No. 6022856
GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
APPLICANT: Pascale CHALON
APPLICANT: Pascual FERRARA
APPLICANT: Vita NATALIO
TITLE OF INVENTION: Type 2 Neurotensin Receptor
TITLE OF INVENTION: (hNT-R2)

; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Jacobson, Price, Holman & Stern, PLLC
; STREET: 400 Seventh Street
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; FILING DATE: 19-SEP-1997
; CLASSIFICATION: 536
; APPLICATION NUMBER: US/08/858,876A
; PRIOR APPLICATION NUMBER: PCT/FR 9723204
; FILING DATE: 17-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,049
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-858-876A-6

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTT 4477
Db 18 GGCCCTTTTTTTTTTTTTT 1

RESULT 1039
US-09-357-070-24
; Sequence 24, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-24

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3378 GTTGCTCCTCCCCAGCT 3395
Db 2 GTTGCTCGTCTCCAGCT 19

RESULT 1040
US-09-249-730-158
; Sequence 158, Application US/09249730
; Patent No. 6121000

; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-158

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTT 4480
Db 3 CGTTTTTTTTTCTTTTTT 20

RESULT 1041
US-09-418-641-75
; Sequence 75, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-75

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4175 TAGGGAGGGGTGGTTAT 4192
Db 1 TAGGGAGGGGTGGTCAT 18

RESULT 1042
US-09-280-799-28/c
; Sequence 28, Application US/09280799
; Patent No. 6136603
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-280-799-28

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5272 ATAGGAGCAGGTGGCAG 5289
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AGACGGAGCAGGTGGCAG 3

RESULT 1043
US-09-517-584A-78/c
Sequence 78, Application US/09517584A
Patent No. 6187587
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
FILE REFERENCE: RTS-0111
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 78
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-78

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2870 GGAGGAGGAGGTGGGT 2887
| | | | | | | | | | | | | | | | | | | | | |
Db 19 GGAGGAGGAGGTGGGT 2

RESULT 1044
US-09-101-886B-77/c
Sequence 77, Application US/09101886B
Patent No. 6197507
GENERAL INFORMATION:
APPLICANT: BERG, THOMAS
APPLICANT: TOLLERSRUD, OLE K
APPLICANT: NILSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: BARBARA G. ERNST
STREET: 555 13TH STREET, NW SUITE 701E
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:

NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1181-240
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-101-886B-77

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1736 ACACCTACTCAGGGCTGC 1753
| | | | | | | | | | | | | | | | | | | | | |
Db 18 ACACCTACTCAGGGGTGC 1

RESULT 1045
US-09-097-199-62/c
Sequence 62, Application US/09097199
Patent No. 6218529
GENERAL INFORMATION:
APPLICANT: An, Gang
APPLICANT: O'Hara, S. Mark
APPLICANT: Ralph, David
APPLICANT: Veltri, Robert
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS, PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/097,199
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/692,787
FILING DATE: 31-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC:018
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-097-199-62

Query Match 0.2%; Score 14.8; DB 1; Length 20;

```

Best Local Similarity 88.9%; Pred. No. 1.5e+03; Mismatches 2; Indels 0; Gaps 0;
Matches 16; Conservative 0;

QY 3414 CTTATTCCTCTCTGTCCA 3431
   |||||
Db 19 CATATTCCTCTTGTCCA 2

RESULT 1046
US-09-021-701-735
; Sequence 735, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 735:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-735

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5703 CCTTCCTTTTCTCTCTCT 5720
   |||||
Db 2 CCTTCCTTTTCCATTCT 19

RESULT 1047
US-09-593-711A-152/c
; Sequence 152, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION

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; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 152
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-152

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7414 AGCAGCAGCAGCAGCAGC 7431
   |||||
Db 18 AGCGGCAGCAGCGGCAGC 1

RESULT 1048
US-09-472-880-6/c
; Sequence 6, Application US/09472880
; Patent No. 6274333
; GENERAL INFORMATION:
; APPLICANT: Daniel CAPUT
; APPLICANT: Pascale CHALON
; APPLICANT: Pascual FERRARA
; APPLICANT: Vita NATALIO
; TITLE OF INVENTION: Type 2 Neurotensin Receptor
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC
; STREET: 400 Seventh Street
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/472,880
; FILING DATE: 28-Dec-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 9723204
; FILING DATE: 17-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,049
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-472-880-6

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTT 4477
   |||||
Db 18 GGCCCTTTTTTTTTTTTTT 1

```

RESULT 1049
US-09-364-416-97/c
; Sequence 97, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-364-416-97

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1284 CCAGACCTCGACCATGAT 1301
Db 19 CCAACACGACCATGAT 2

RESULT 1050
US-09-468-872-79
; Sequence 79, Application US/09468872
; Patent No. 6331614
; GENERAL INFORMATION:
; APPLICANT: Wong, Alexander K.C.
; APPLICANT: Teng, David H.-F.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: Human CDC14A Gene
; FILE REFERENCE: CDC14A Gene
; CURRENT APPLICATION NUMBER: US/09/468,872
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: US 60/113,833
; EARLIER FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 79
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-468-872-79

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5479 TGTAAAAAGATAATTTT 5496
Db 2 TGTAAAGAGTAATTTT 19

RESULT 1051
US-09-629-645A-159/c
; Sequence 159, Application US/09629645A
; Patent No. 6365354
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
; FILE REFERENCE: RTS-0137
; CURRENT APPLICATION NUMBER: US/09/629,645A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-159

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6464 CTTTCTTTCTCTGTTGT 6481
Db 18 CTGTATTTCTCTGTTGT 1

RESULT 1052
US-09-561-497-87
; Sequence 87, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-87

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3270 ATTGTTTAAAGAGAAA 3287
Db 3 ATTGTTTAAAGAAA 20

RESULT 1053

Db 1 TTTNTNTTTTCTCTT 20

RESULT 1056
US-09-485-077A-3
; Sequence 3, Application US/09485077A
; Patent No. 6458590
; GENERAL INFORMATION:
; APPLICANT: Mukherjee, Anil
; APPLICANT: Kundu, Gopal
; APPLICANT: Panda, Dibyendu
; TITLE OF INVENTION: Methods and Compositions for Treatment of Restenosis
; FILE REFERENCE: NIH-05047
; CURRENT APPLICATION NUMBER: US/09/485,077A
; CURRENT FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: PCT/US98/16569
; PRIOR FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: 60/054,967
; PRIOR FILING DATE: 1997-07-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-485-077A-3

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTCATGTGTGAGTGCTG 921
Db 1 TCCATGTGTGAGTGATG 18

RESULT 1057
US-09-725-265-36/c
; Sequence 36, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-36

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 6682 TTATTTTATATATATAT 6699
Db 18 TTTTATATATATATAT 1
RESULT 1058
US-09-725-265-42/c
; Sequence 42, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-42

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 6682 TTATTTTATATATATAT 6699
Db 18 TTTTATATATATATAT 1
RESULT 1059
US-09-422-978-7819/c
; Sequence 7819, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7819
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
US-09-422-978-7819/c

; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-4762 for SEQ 3895,
US-09-422-978-7819

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2860 GAGGAGCAAGGAGGAGG 2877
|||||
Db 20 GAGGAGCAAGGAGGAGG 3

RESULT 1060
US-09-060-299-288
; Sequence 288, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
; COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 288:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-288

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2075 GCCGATACGTGCTACTG 2092
|||||
Db 1 GCCAAGACTGTGCTACTG 18

RESULT 1061
US-09-402-923A-288
; Sequence 288, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6555654el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 288:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 288:
US-09-402-923A-288

Query Match 0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2075 GCCGATACGTGCTACTG 2092
|||||
Db 1 GCCAAGACTGTGCTACTG 18

RESULT 1062
US-09-198-452A-4204
; Sequence 4204, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment;

```
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4204

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1356 GAAGATGCCAGCTACAA 1373
Db 2 GAAGGATCCAGCTACAA 19

RESULT 1063
US-09-254-776B-28
; Sequence 28, Application US/09254776B
; Patent No. 6559359
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
; FILE REFERENCE: 27013/33479A
; CURRENT APPLICATION NUMBER: US/09/254,776B
; CURRENT FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-254-776B-28

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 984 CAAGGAGATCAAGGCCT 1001
Db 3 CAAGGAGATCATGGACCT 20

RESULT 1064
US-09-249-247-158
; Sequence 158, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
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; ORGANISM: Human
US-09-249-247-158

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTT 4480
Db 3 CGTTTCTTTTCTTTTCTTTT 20

RESULT 1065
US-09-526-193A-150/c
; Sequence 150, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-150

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2810 TGGATAGAGAGAGCTTT 2827
Db 20 TGGATTGAAGAAAGCCTT 3

RESULT 1066
US-09-980-052-146
; Sequence 146, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
```

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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 146
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium malmoense
US-09-980-052-146

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4644 TGTGGAATTTCTCTTTG 4661
Db      ||||| ||||| ||||| |||||
        3 TGTGTAATTTCTCTTTG 20

RESULT 1067
5185441-9/c
; PATENT NO. 5185441
; APPLICANT: WALINER, BARBARA P.; HESIONS, CATHERINE
; TITLE OF INVENTION: DNA SEQUENCES, RECOMBINANT DNA
; MOLECULES AND PROCESSES FOR PRODUCING PI-LINKED LYMPHOCYTE
; FUNCTION ASSOCIATED ANTIGEN-3
; NUMBER OF SEQUENCES: 41
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/237,309
; FILING DATE: 26-AUG-1988
; SEQ ID NO: 9;
; LENGTH: 20
5185441-9

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7307 CTTTGAGATTGTGTTTG 7324
Db      ||||| ||||| ||||| |||||
        20 CTTTGAGATTGTGTTTG 3

RESULT 1068
5185441-11
; PATENT NO. 5185441
; APPLICANT: WALINER, BARBARA P.; HESIONS, CATHERINE
; TITLE OF INVENTION: DNA SEQUENCES, RECOMBINANT DNA
; MOLECULES AND PROCESSES FOR PRODUCING PI-LINKED LYMPHOCYTE
; FUNCTION ASSOCIATED ANTIGEN-3
; NUMBER OF SEQUENCES: 41
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/237,309
; FILING DATE: 26-AUG-1988
; SEQ ID NO: 11;
; LENGTH: 20
5185441-11

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7307 CTTTGAGATTGTGTTTG 7324
Db      ||||| ||||| ||||| |||||
        1 CTTTGAGATTGTGTTTG 18

RESULT 1069
US-07-977-284A-62
; Sequence 62, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TUV-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
US-07-977-284A-62

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1405 AAAGTGAAGGATGACATG 1422
Db      ||||| ||||| ||||| |||||
        4 AAAGAGGAGGATGACATG 21

RESULT 1070
US-08-498-402-4/c
; Sequence 4, Application US/08498402
; Patent No. 5712096
; GENERAL INFORMATION:
; APPLICANT: Seth Stern
; APPLICANT: Prakash Purohit
; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR
; TITLE OF INVENTION: NOVEL
; TITLE OF INVENTION: ANTIBIOTICS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
```


Sequence 10, Application US/08998208
Patent No. 5880105
GENERAL INFORMATION:
APPLICANT: Bergema, Dext J.
APPLICANT: Stambolian, Dwight
TITLE OF INVENTION: Human Galactokinase Gene
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
ADDRESSEE: Intellectual Property
STREET: 709 Swedeland Road/UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,208
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/451,777
FILING DATE: 26-MAY-1995
APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Eagle, Alissa M.
REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: P50268-1B
TELEPHONE: 610-270-5364
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-998-208-10

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3801 CAGGTCGGAGCTGCTG 3818
DB 20 CAGGTCGGAGCTGCTG 3

RESULT 1074
US-08-460-751-17
Sequence 17, Application US/08460751
Patent No. 5891628
GENERAL INFORMATION:
APPLICANT: Reeders, Stephen
APPLICANT: Schneider, Michael
APPLICANT: Gluckmann, Sandra
TITLE OF INVENTION: IDENTIFICATION OF POLYCYSTIC KIDNEY
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,751
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/413,580
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7638-005
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-460-751-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2870 GGAGGAGGAGTGCGGT 2887
DB 2 GGAGGAGTGAGTGCGGT 19

RESULT 1075
US-08-256-426B-62
Sequence 62, Application US/08256426B
Patent No. 5948611
GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Ritvaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992


```
; APPLICANT: Desai, Nalini M.
; APPLICANT: Gaskaska, Pamela Y.
; TITLE OF INVENTION: GRAIN PROCESSING METHOD AND TRANSGENIC PLANTS USEFUL
; CORRESPONDENCE ADDRESS: THEREIN
; FILE REFERENCE: A-31383P1
; CURRENT APPLICATION NUMBER: US/09/598,747
; CURRENT FILING DATE: 2000-06-21
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide (primer STRF2B)
US-09-598-747-21

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      351 CATCCCTAAGATCGAGCT 368
Db       19 CAACCCGAAGATCGAGCT 2

RESULT 1080
US-09-422-978-7056
; Sequence 7056 Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7056
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-23736 for SEQ 3122,
US-09-422-978-7056

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4028 GAGAAACAAATGTTAT 4045
Db       1 GAGAAATAAATGTTAT 18

RESULT 1081
US-09-065-040-6/c
; Sequence 6, Application US/09065040
; Patent No. 6541217
; GENERAL INFORMATION:
; APPLICANT: Hiraoka, Atsunobu
; APPLICANT: Sugimura, Atsushi
; APPLICANT: Mio, Hiroyuki
```

```
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; ADDRESSEE: DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,040
; FILING DATE: 27-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 262252/1996
; FILING DATE: 27-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 087242/1997
; FILING DATE: 24-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02349
; FILING DATE: 07-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fordis, Jean B.
; REGISTRATION NUMBER: 32,984
; REFERENCE/DOCKET NUMBER: 04853.0026-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-09-065-040-6

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2274 TGCCTGCATCAAACTGGA 2291
Db       21 TGCCTGCATTAAGCTGGA 4

RESULT 1082
US-09-546-986A-12/c
; Sequence 12, Application US/09546986A
; Patent No. 6635741
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6635741e1 G-Protein Coupled Receptors
; FILE REFERENCE: 018781-004720US
; CURRENT APPLICATION NUMBER: US/09/546,986A
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 09/524,730
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 21
```



```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR
; OTHER INFORMATION: amplification primer for BCA-GPCR-2
US-09-546-986A-12

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3894 CTGGAGTTACTTTCATAG 3911
Db 18 CTGGAGTTACTTCTCTTAG 1

RESULT 1083
US-09-524-730-12/c
; Sequence 12, Application US/09524730
; Patent No. 6638733
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6638733el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-004710US
; CURRENT APPLICATION NUMBER: US/09/524,730
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR
; OTHER INFORMATION: amplification primer for BCA-GPCR-2
US-09-524-730-12

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3894 CTGGAGTTACTTTCATAG 3911
Db 18 CTGGAGTTACTTCTCTTAG 1

RESULT 1084
US-09-435-739-17
; Sequence 17, Application US/09435739
; Patent No. 6664105
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodayvsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 00/20454
; CURRENT APPLICATION NUMBER: US/09/435,739
; CURRENT FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-435-739-17

Query Match          0.2%; Score 14.8; DB 1; Length 21;
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Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
Db 4 CAGGAGCAGCAGCATCAG 21

RESULT 1085
PCT-US95-06743-10/c
; Sequence 10, Application PC/TUS9506743
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; APPLICANT: Stambolian, Dwight
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; ADDRESSEE: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06743
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Sutton, Jeffrey A.
; REGISTRATION NUMBER: 34,028
; REFERENCE/DOCKET NUMBER: P50268-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5024
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06743-10

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3801 CAAGTCTCGAGCTGCTG 3818
Db 20 CAGGTCGGAGCTGCTG 3

RESULT 1086
PCT-US95-10721-4/c
; Sequence 4, Application PC/TUS9510721
; GENERAL INFORMATION:
; APPLICANT: University of Massachusetts
; APPLICANT: Medical Center
; TITLE OF INVENTION: OLIGORIBONUCLEOTIDE ASSAY FOR
; TITLE OF INVENTION: NOVEL ANTIBIOTICS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
```



```
;;
;; COMPUTER: IBM compatible
;; OPERATING SYSTEM: Windows 3.10/DOS 6.20
;; SOFTWARE: Microsoft Word for Windows, vers. 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/538,666
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Paul D. Groseman
;; REGISTRATION NUMBER: 36,537
;; REFERENCE/DOCKET NUMBER: 4259C1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 638-5846
;; TELEFAX: (415) 638-6071
;; INFORMATION FOR SEQ ID NO: 14:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 22 nucleotides
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-538-666-14

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 942 GCAGCCCAAGCCCTCAC 959
Db 21 GCTGCCGAGCCCTCAC 4

RESULT 1091
US-09-183-412-52/c
; Sequence 52, Application US/09183412
; Patent No. 6204232
; GENERAL INFORMATION:
; APPLICANT: Borchert, Torben V.
; APPLICANT: Svendsen, Allan
; APPLICANT: Andersen, Carsten
; APPLICANT: Nielsen, Bjarne
; APPLICANT: Nissen, Torben L.
; APPLICANT: Kjaerulff, Soren
; TITLE OF INVENTION: Alpha-Amulase Mutants
; FILE REFERENCE: 5368.200-US
; CURRENT APPLICATION NUMBER: US/09/183,412
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: 60/064,662
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 60/093,234
; EARLIER FILING DATE: 1998-07-17
; EARLIER APPLICATION NUMBER: 1240/97
; EARLIER FILING DATE: 1997-10-30
; EARLIER APPLICATION NUMBER: PA 1998 00936
; EARLIER FILING DATE: 1998-07-14
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-183-412-52

Query Match 0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1919 TTGGTGGCATTAAACA 1936
Db 19 TTGGCGGCATTAAACA 2

RESULT 1092
US-09-245-041-50
; Sequence 50, Application US/09245041
; Patent No. 6274339
; GENERAL INFORMATION:
; APPLICANT: Moore, K.
; APPLICANT: Nagle, D.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT
; FILE REFERENCE: 7853-136
; CURRENT APPLICATION NUMBER: US/09/245,041
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/093,630
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: 60/104,978
; EARLIER FILING DATE: 1998-10-20
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 50
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; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
US-09-245-041-50

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7072 TGAATGCACACTGAGTCCTCCT 7089
Db 1 TGAATGCACAGAGACCT 18

RESULT 1093
US-09-769-864-52/c
; Sequence 52, Application US/09769864
; Patent No. 6673589
; GENERAL INFORMATION:
; APPLICANT: Borchert, Torben V.
; APPLICANT: Svendsen, Allan
; APPLICANT: Andersen, Carsten
; APPLICANT: Nielsen, Bjarne
; APPLICANT: Nissen, Torben L.
; APPLICANT: Kjaerulff, Soren
; TITLE OF INVENTION: Alpha-Amulase Mutants
; FILE REFERENCE: 5368.200-US
; CURRENT APPLICATION NUMBER: US/09/769,864
; CURRENT FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 09/183,412
; PRIOR FILING DATE: 1998-10-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-769-864-52

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1919 TTGGTGGCATTAAACA 1936
Db 19 TTGGCGGCATTAAACA 2

RESULT 1094
US-09-688-990-20/c
; Sequence 20, Application US/09688990
; Patent No. 6682907
; GENERAL INFORMATION:
; APPLICANT: CHARNEAU, PIERRE
; APPLICANT: ZENNOU, VERONIQUE
; APPLICANT: FIRAT, HUSEYIN
; TITLE OF INVENTION: USE OF TRIPLEX STRUCTURE DNA SEQUENCES FOR TRANSFERRING
; FILE REFERENCE: 03495.0199
; CURRENT APPLICATION NUMBER: US/09/688,990
; CURRENT FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: PCT/FR99/00974
; PRIOR FILING DATE: 1999-04-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Caprine arthritis encephalitis virus
US-09-688-990-20

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7072 TGAATGCACACTGAGTCCTCCT 7089
Db 1 TGAATGCACAGAGACCT 18

RESULT 1093
US-09-769-864-52/c
; Sequence 52, Application US/09769864
; Patent No. 6673589
; GENERAL INFORMATION:
; APPLICANT: Borchert, Torben V.
; APPLICANT: Svendsen, Allan
; APPLICANT: Andersen, Carsten
; APPLICANT: Nielsen, Bjarne
; APPLICANT: Nissen, Torben L.
; APPLICANT: Kjaerulff, Soren
; TITLE OF INVENTION: Alpha-Amulase Mutants
; FILE REFERENCE: 5368.200-US
; CURRENT APPLICATION NUMBER: US/09/769,864
; CURRENT FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 09/183,412
; PRIOR FILING DATE: 1998-10-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-769-864-52

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1919 TTGGTGGCATTAAACA 1936
Db 19 TTGGCGGCATTAAACA 2

RESULT 1094
US-09-688-990-20/c
; Sequence 20, Application US/09688990
; Patent No. 6682907
; GENERAL INFORMATION:
; APPLICANT: CHARNEAU, PIERRE
; APPLICANT: ZENNOU, VERONIQUE
; APPLICANT: FIRAT, HUSEYIN
; TITLE OF INVENTION: USE OF TRIPLEX STRUCTURE DNA SEQUENCES FOR TRANSFERRING
; FILE REFERENCE: 03495.0199
; CURRENT APPLICATION NUMBER: US/09/688,990
; CURRENT FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: PCT/FR99/00974
; PRIOR FILING DATE: 1999-04-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Caprine arthritis encephalitis virus
US-09-688-990-20

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTT 4480
Db 18 CTTTCTTTTCTTTTCTTTT 1

RESULT 1095
US-08-621-914A-1/c
; Sequence 1, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-1

Query Match      0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 2.2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGACAAAAAGAGAGAAAA 4036
Db 26 TAAAAAAGAAAAAGAAAAAGAAAA 1

RESULT 1096
US-09-197-951-5/c
; Sequence 5, Application US/09197951
; Patent No. 6197554
; GENERAL INFORMATION:
; APPLICANT: LIN, SHI-LUNG
; CHUNG, CHENG-MING
; YING, SHAO-YAO
; TITLE OF INVENTION: Method for Generating Full-Length cDNA
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David & Raymond Patent Firm
```

STREET: 108 N. Ynez Ave., Suite 128
CITY: Monterey Park
STATE: CA
COUNTRY: USA
ZIP: 91754
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/197,951
FILING DATE: 20-No. 6197554-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chan, Raymond Y.C.
REGISTRATION NUMBER: 37,484
REFERENCE/DOCKET NUMBER: US/8462A-SL(3)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 571-9812
TELEFAX: (626) 571-9813
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic"
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-197-951-5

Query Match 0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 2.2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAGAAACAA 4037
Db 26 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1097
US-09-522-217-38/c
Sequence 38, Application US/09522217
Patent No. 6307024
GENERAL INFORMATION:
APPLICANT: No. 6307024ak, Julia E.
APPLICANT: Preenell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: 2000-03-09
EARLIER APPLICATION NUMBER: US 60/123,547
EARLIER FILING DATE: 1999-03-09
EARLIER APPLICATION NUMBER: US 60/123,904
EARLIER FILING DATE: 1999-03-11
EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-522-217-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 2.2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4011 TAAATGAGAAAAAGAGAGAAACA 4036
Db 26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1098
US-09-527-345-7/c
Sequence 7, Application US/09527345
Patent No. 6331413
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/527,345
PRIOR FILING DATE: 1999-03-17
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 7
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-527-345-7

Query Match 0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 2.2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4011 TAAATGAGAAAAAGAGAGAAACA 4036
Db 26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1099
US-09-923-246-38/c
Sequence 38, Application US/09923246
Patent No. 6605272
GENERAL INFORMATION:
APPLICANT: No. 6605272ak, Julia E.
APPLICANT: Preenell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/923,246
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;

Best Local Similarity 73.1%; Pred. No. 2.2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGAGAAACA 4036

Db 26 TAAAAAAGAAAAAGAAAAAGAAAAA 1

RESULT 1100

US-10-295-723-38/c

; Sequence 38, Application US/10295723

; Patent No. 6686178

; GENERAL INFORMATION:

; APPLICANT: No. 6686178ak, Julia E.

; APPLICANT: Presnell, Scott R.

; APPLICANT: Sprecher, Cindy A.

; APPLICANT: Foster, Donald C.

; APPLICANT: Holly, Richard D.

; APPLICANT: Gross, Jane A.

; APPLICANT: Johnston, Janet V.

; APPLICANT: Nelson, Andrew J.

; APPLICANT: Dillon, Stacey R.

; APPLICANT: Hammond, Angela K.

; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND

; FILE REFERENCE: 99-16

; CURRENT APPLICATION NUMBER: US/10/295,723

; CURRENT FILING DATE: 2002-11-15

; PRIOR APPLICATION NUMBER: 09/522,217

; PRIOR FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US 60/123,547

; PRIOR FILING DATE: 1999-03-09

; PRIOR APPLICATION NUMBER: US 60/123,904

; PRIOR FILING DATE: 1999-03-11

; PRIOR APPLICATION NUMBER: US 60/142,013

; PRIOR FILING DATE: 1999-07-01

; NUMBER OF SEQ ID NOS: 115

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 38

; LENGTH: 26

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer ZC7764a

US-10-295-723-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;

Best Local Similarity 73.1%; Pred. No. 2.2e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAAGAGAGAAACA 4036

Db 26 TAAAAAAGAAAAAGAAAAAGAAAAA 1

RESULT 1101

US-08-762-106-11

; Sequence 11, Application US/08762106

; Patent No. 5948677

; GENERAL INFORMATION:

; APPLICANT: Jarvik, Jonathan W.

; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE

; TITLE OF INVENTION: TAGGING

; NUMBER OF SEQUENCES: 47

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Harris Brotman
; STREET: 202 Coast Blvd., Suite 111
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,106
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brotman, Harris F.
; REGISTRATION NUMBER: 35,461
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 654-2428
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-762-106-11

Query Match 0.2%; Score 14.8; DB 1; Length 28;

Best Local Similarity 73.1%; Pred. No. 2.4e+03;

Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2951 CAGCAAGACAGACACCCAGCCAGCAAAA 2976

Db 2 CAGACAGACAGACAGACAGACAGACACA 27

RESULT 1102

US-09-320-774-11

; Sequence 11, Application US/09320774

; Patent No. 6265545

; GENERAL INFORMATION:

; APPLICANT: Jarvik, Jonathan W.

; TITLE OF INVENTION: READING FRAME INDEPENDENT EPITOPE

; TITLE OF INVENTION: TAGGING

; NUMBER OF SEQUENCES: 47

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Harris Brotman

; STREET: 202 Coast Blvd., Suite 111

; CITY: La Jolla

; STATE: California

; COUNTRY: US

; ZIP: 92037

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/320,774

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/762,106

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Brotman, Harris F.

; REGISTRATION NUMBER: 35,461

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (619) 654-2428

INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-320-774-11

Query Match 0.2%; Score 14.8; DB 1; Length 28;
Best Local Similarity 73.4%; Pred. No. 2.4e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2951 CAGCAGACAGACACACAGCAGACAA 2976
DB 2 CAGCAGACAGACAGACAGACAGACA 27

RESULT 1103
US-08-146-504-2
Sequence 2, Application US/08146504
Patent No. 5605662
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
TITLE OF INVENTION: DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. 5605662ember 1, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-146-504-2

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAGAAACAAAT 4040

DB 1 AAAAAAGAGAGAGAAACAAAT 4040

RESULT 1104
US-08-725-976-2
Sequence 2, Application US/08725976
Patent No. 5929208
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS (VERSION 3.0)
SOFTWARE: WordPerfect (Version 6.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
FILING DATE: October 4, 1996
CLASSIFICATION: 422
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 222/211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-725-976-2

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAGAGAAACAAAT 4040
DB 1 AAAAAAGAGAGAGAGAAACAAAT 21

RESULT 1105
US-08-271-882B-2
Sequence 2, Application US/08271882B
Patent No. 6017696
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
APPLICANT: Eugene Tu
APPLICANT: Glen A. Evans
APPLICANT: Ronald G. Sosnowski
TITLE OF INVENTION: SELF-ADDRESSABLE
TITLE OF INVENTION: SELF-ASSEMBLING
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
TITLE OF INVENTION: DEVICES FOR
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
TITLE OF INVENTION: AND DIAGNOSTICS

/ NUMBER OF SEQUENCES: 44
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: USA
 / ZIP: 90071
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
 / SOFTWARE: Wordperfect (Version 5.1)
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/271.882B
 / FILING DATE: July 7, 1994
 / CLASSIFICATION:
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 08/146,504
 / FILING DATE: NO. 6017696ember 1, 1993
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Murphy, David B.
 / REGISTRATION NUMBER: 31,125
 / REFERENCE/DOCKET NUMBER: 207/263
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEFAX: (213) 955-0440
 / TELEX: 67-3510
 / INFORMATION FOR SEQ ID NO: 2:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 21
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / US-08-271-882B-2

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Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 76.2%; Pred.No.1.7e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
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RESULT 1106
US-08-726-278-2
; Sequence 2, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-2

```

```

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.7e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAGAAAAACAAT 4040
      ||||| | | | | | | | | | |
Db      1 AAAAAAAAAAAAAAAAAAAAU 21

RESULT 1107
US-08-009-263C-52/c
; Sequence 52, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: NO
; ANTI-SENSE: YES
US-08-009-263C-52

```

Query Match	0.23;	Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%;	Pred. No. 1.7e+03;		
Matches 17;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;
QY	3024	CATCTGCCCTGTACCCCACTG	3044	
DB	21	CTTCTGCCCTGTGCCGCTG	1	

RESULT 1108
US-08-128-011-4
; Sequence 4, Application US/08128011
; Patent No. 5523389
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Imbach, Jean Louis


```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-202-389-44

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4436 CTAGGCGATGTGGTGGTGG 4456
   ||| ||||| |||||
Db 21 CAAGGTGATGTGCGAGGTGG 1

RESULT 1111
US-08-426-792-2/c
; Sequence 2, Application US/08426792
; Patent No. 5733541
; GENERAL INFORMATION:
; APPLICANT: Taichman, Russell S.
; TITLE OF INVENTION: Hematopoietic Cells: Compositions and
; METHODS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,792
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UMIC010---
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-426-792-2

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3638 AGGAGGTAGTGGGGAAGAA 3658
   ||||| ||| |||||
Db 21 AGGAGGAGAGGAGGAGGAA 1

RESULT 1112
US-08-424-663-4/c
; Sequence 4, Application US/08424663
; Patent No. 5750341
; GENERAL INFORMATION:
; APPLICANT: MACEVICZ, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz
```

```
; STREET: 21890 Rucker Drive
; CITY: Cupertino
; STATE: California
; COUNTRY: USA
; ZIP: 95014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,663
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: peol
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 638-5552
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-424-663-4

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3441 CCCACCTTACTTCTCTCTCCC 3461
   ||| ||||| ||||| |||||
Db 21 CCTCTCTTCTCTCTCTCTCCC 1

RESULT 1113
US-08-424-663-5/c
; Sequence 5, Application US/08424663
; Patent No. 5750341
; GENERAL INFORMATION:
; APPLICANT: MACEVICZ, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Blo
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz
; STREET: 21890 Rucker Drive
; CITY: Cupertino
; STATE: California
; COUNTRY: USA
; ZIP: 95014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,663
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: peol
; TELECOMMUNICATION INFORMATION:
```

TELEPHONE: (415) 638-5552
TELEFAX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-424-663-5

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3442 CCCACCTTACTTCTCCCTCCCT 3462
DB 21 CTCTCTCTCTCTCTCTCTCTCT 1

RESULT 1114

US-08-647-351B-2/c
Sequence 2, Application US/08647351B
Patent No. 5770368

GENERAL INFORMATION:
APPLICANT: De Leon, Ricardo
APPLICANT: Rochelle, Paul
TITLE OF INVENTION: Cryptosporidium Detection Method
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 S. Lake Avenue, 9th Floor
CITY: Pasadena
STATE: California
ZIP: 91101

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95

SOFTWARE: Wordperfect for Windows version 6.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/647,351B
FILING DATE: May 9, 1996

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Farah, David A.
REGISTRATION NUMBER: 39,134

REFERENCE/DOCKET NUMBER: 11364
TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid
DESCRIPTION: primer sequence

US-08-647-351B-2

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433
DB 21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 1115

US-08-740-215B-1/c
Sequence 1, Application US/08740215B
Patent No. 5874566

GENERAL INFORMATION:
APPLICANT: Veerapanane, Dange
APPLICANT: Hamaoka, Shoji
APPLICANT: No. 5874566awa, Iwao
TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hovey, Williams, Timmons & Collins
STREET: 2405 Grand Boulevard, Suite 400
CITY: Kansas City
STATE: Missouri
COUNTRY: U.S.A.
ZIP: 64108

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/740,215B
FILING DATE:

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

NAME: Collins, John M.
REGISTRATION NUMBER: 26262

TELECOMMUNICATION INFORMATION:
TELEPHONE: (816) 474-9050

TELEFAX: (816) 474-9057
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs

TYPE: nucleic acid
STRANDEDNESS: double

TOPOLOGY: linear
US-08-740-215B-1

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5412 AAGAATAAAAGCAAGAGAA 5432
DB 21 AAGAAAAGAGAAAGAGGAA 1

RESULT 1116

US-08-740-215B-4
Sequence 4, Application US/08740215B
Patent No. 5874566

GENERAL INFORMATION:

APPLICANT: Veerapanane, Dange
APPLICANT: Hamaoka, Shoji

APPLICANT: No. 5874566awa, Iwao
TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:

ADDRESSEE: Hovey, Williams, Timmons & Collins
STREET: 2405 Grand Boulevard, Suite 400

CITY: Kansas City
STATE: Missouri

COUNTRY: U.S.A.
ZIP: 64108

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/740,215B
FILING DATE:

CLASSIFICATION: 514

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (816) 474-9050
; TELEFAX: (816) 474-9057
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-740-215B-4

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5412 AAGAAATTAAGACGACAGAA 5432
DB 1 AAGAAATTAAGACGACAGAA 21

RESULT 1117
US-08-403-888A-63
; Sequence 63, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-63

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1631 GGAAGATTTTCCAGGATCGG 1651
DB 1 GGAAGATTTTCCAGGATCGG 21

```

```

RESULT 1118
US-08-403-888A-142
; Sequence 142, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; FILING DATE: 12-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 07/954,185
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-403-888A-142

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4468 TTTTGTGCTT 4488
DB 1 TTTTGTGCTT 21

RESULT 1119
US-08-872-446-4/c
; Sequence 4, Application US/08872446
; Patent No. 5969119
; GENERAL INFORMATION:
; APPLICANT: Macevicz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```



```
RESULT 1122
US-08-974-549A-507
; Sequence 507, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 507:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

```
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate"
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..21
; OTHER INFORMATION: /note= "260-280 primer"
US-08-974-549A-507

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4735 GCCCAGCTGGAGGAGAGGG 4755
Db 1 GGACACCTGGCGGAAGGAGGG 21

RESULT 1123
US-08-943-731-256/C
; Sequence 256, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORKKO, JARMO
; APPLICANT: ALA-KOKKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 256:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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US-08-943-731-256

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 961 GACTCTCAGCGGTTCCCTTC 981
|||||
Db 21 GACTCTCAGCTCATCCTCTTC 1

RESULT 1124

US-09-109-663-14
; Sequence 14, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-3U1
; CURRENT APPLICATION NUMBER: US/09/109,663
; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
US-09-109-663-14

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 566 CTGGGAGGAGGATCGAA 586
|||||
Db 1 CTGAGGAGGAGGAGGAA 21

RESULT 1125

US-09-280-270A-4/c
; Sequence 4, Application US/09280270A
; Patent No. 6306597
; GENERAL INFORMATION:
; APPLICANT: Macevicz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; TITLE OF INVENTION: Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,270A
; FILING DATE: 29-Mar-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/424,663
; FILING DATE: 17-APR-1995

ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-280-270A-4

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3441 CCCACCTTACTTCTCTCCC 3461
|||||
Db 21 CCTCTCTCTCTCTCTCTCCC 1

RESULT 1126

US-09-280-270A-5/c
; Sequence 5, Application US/09280270A
; Patent No. 6306597
; GENERAL INFORMATION:
; APPLICANT: Macevicz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; TITLE OF INVENTION: Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,270A
; FILING DATE: 29-Mar-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/424,663
; FILING DATE: 17-APR-1995

ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-280-270A-5

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 3442 CCACCTTACTTCTCTCCCT 3462
DB 21 CTCCTCTCTCTCTCTCTCTCT 1

RESULT 1127
US-09-270-542-96/c
; Sequence 96, Application US/09270542
; Patent No. 6322976
; GENERAL INFORMATION:
; APPLICANT: Altman, Timothy
; APPLICANT: Scott, James
; APPLICANT: Stanton, Lawrence
; TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
; TITLE OF INVENTION: Therapy
; FILE REFERENCE: 4198/78179
; CURRENT APPLICATION NUMBER: US/09/270,542
; CURRENT FILING DATE: 1999-03-17
; EARLIER APPLICATION NUMBER: 09/221,222
; EARLIER FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 96
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-270-542-96

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1673 CTGTTTCTGCAATATGCAC 1693
DB 21 CATGTTTATGCACATGCAC 1

RESULT 1128
US-08-918-148-9/c
; Sequence 9, Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: P0979
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: 10F6scFv VL CDR2
; LOCATION: 1-21
; OTHER INFORMATION:
US-08-918-148-9

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2785 TGAGGCGACGCTGTACC 2805
DB 21 TGAGGCGCGATTGTGTACC 1

RESULT 1129
US-09-031-962D-7/c
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; Sequence 7, Application US/09031962D
; Patent No. 6350867
; GENERAL INFORMATION:
; APPLICANT: Thomas C. Hart
; APPLICANT: Jennifer A. Price
; TITLE OF INVENTION: Methods and Compositions for Enhancing
; TITLE OF INVENTION: Osseous Growth, Repair, and Regeneration
; FILE REFERENCE: WFU98-18
; CURRENT APPLICATION NUMBER: US/09/031,962D
; CURRENT FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-031-962D-7

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4570 CCCCCCTGCCCTTTTCTTG 4590
DB 21 CCACCCAGCGATTTCCTTG 1

RESULT 1130
US-08-912-951-274
; Sequence 274, Application US/08912951
; Patent No. 6475789
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT:
; TITLE OF INVENTION: THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,951
; FILING DATE: 14-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
```



```

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6532
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-12130 for SEQ 2598,
US-09-422-978-6532

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Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 6177 GAATAAGAGTGATGAGAGAG 6197
DB 21 GAATAAGAGGATGAGAGAG 1

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RESULT 1135

```

US-09-422-978-8263/c
; Sequence 8263, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8263
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-14652 for SEQ 398, in complete
US-09-422-978-8263

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```

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY 4138 GAACCTGTGACCTGATTGTT 4158
DB 21 GAACCTGTGGACAAGATGTT 1

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RESULT 1136

US-09-422-978-10094

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; Sequence 10094, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10094
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9446 for SEQ 2229, in complete
US-09-422-978-10094

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```

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

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QY 3280 GAAGAAATGAACACGACC 3300
DB 1 GAAGAAACAAAGAAACCAATCC 21

```

RESULT 1137

```

US-09-422-978-10129
; Sequence 10129, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10028 for SEQ 2264, in complete
US-09-422-978-10129

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Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 6237 CTGCTCTTTGATTGTTATCC 6257
DB 1 CTGCTCTTTGATTGTTATCC 21

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RESULT 1138
US-09-422-978-10387
; Sequence 10387, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10387
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11566 for SEQ 2522, in complem
US-09-422-978-10387
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2388 TGGTACATCCAGCTGGGAC 2408
DB 1 TGGTACATACACCTGGGAC 21
|||||
|||||

RESULT 1139
US-09-422-978-11222/c
; Sequence 11222, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11222
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3478 for SEQ 3357, in complem
US-09-422-978-11222
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3851 CTCCTTTCTCCTTATTCCTC 3871
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Db 21 CTCCTGCTCCTTATTCCTC 1
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|||||
|||||
|||||

RESULT 1140
US-09-402-181B-507
; Sequence 507, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 507:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate"
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..21
; OTHER INFORMATION: /note= "260-280 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 507:
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US-09-402-181B-507

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4735 GGCCAGCTGGAGGAAGGG 4755
DB 1 GGACACCTGGCGAAGGAGG 21

RESULT 1141

US-09-721-456-507

; Sequence 507, Application US/09721456
; Patent No. 6617110

; GENERAL INFORMATION:

; APPLICANT: Cech, Thomas R.

; Lingner, Joachim

; Nakamura, Toru

; Chapman, Karen B.

; Morin, Gregg B.

; Harley, Calvin B.

; Andrews, William H.

; TITLE OF INVENTION: Human Telomerase Catalytic Subunit

; NUMBER OF SEQUENCES: 727

; CORRESPONDENCE ADDRESS:

; ADDRESS: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/721,456

; FILING DATE: 22-NOV-2000

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/974,549A

; FILING DATE: 19-NOV-1997

; APPLICATION NUMBER: US 08/724,643

; FILING DATE: 01-OCT-1996

; APPLICATION NUMBER: US 08/844,419

; FILING DATE: 18-APR-1997

; APPLICATION NUMBER: US 08/846,017

; FILING DATE: 25-APR-1997

; APPLICATION NUMBER: US 08/851,843

; FILING DATE: 06-MAY-1997

; APPLICATION NUMBER: US 08/854,050

; FILING DATE: 09-MAY-1997

; APPLICATION NUMBER: US 08/911,312

; FILING DATE: 14-AUG-1997

; APPLICATION NUMBER: US 08/912,951

; FILING DATE: 14-AUG-1997

; APPLICATION NUMBER: US 08/915,503

; FILING DATE: 14-AUG-1997

; APPLICATION NUMBER: WO PCT/US97/17618

; FILING DATE: 01-OCT-1997

; APPLICATION NUMBER: WO PCT/US97/17885

; FILING DATE: 01-OCT-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Apple, Randolph Ted

; REGISTRATION NUMBER: 36,429

; REFERENCE/DOCKET NUMBER: 015389-002610US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 507:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate"
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..21
; OTHER INFORMATION: /note= "260-280 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 507:
US-09-721-456-507

Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.7e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4735 GGCCAGCTGGAGGAAGGG 4755
DB 1 GGACACCTGGCGAAGGAGG 21

RESULT 1142

US-08-474-140-5/c

; Sequence 5, Application US/08474140

; Patent No. 5721127

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/474,140

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilhlem F. Gadiano, Esq.

; REGISTRATION NUMBER: 37,136

; REFERENCE/DOCKET NUMBER: 4121-41

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 429-0625

; TELEFAX: (202) 293-1850

; TELEX: 650 383-5605

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: nucleic acid (other);

; DESCRIPTION: synthetic DNA

; US-08-474-140-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754
||||| ||||| ||||| |||||

Db 22 GAGCTCGTTAAACAGATCTCAA 2

RESULT 1143

US-08-477-630-5/c

; Sequence 5, Application US/08477630

; Patent No. 5721128

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/477,630

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilhem F. Gadiano, Esq.

; REGISTRATION NUMBER: 37,136

; REFERENCE/DOCKET NUMBER: 4121-42

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 429-0625

; TELEFAX: (202) 293-1850

; TELEX: 650 383-5605

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: nucleic acid (other);

; DESCRIPTION: synthetic DNA

; US-08-477-630-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.9e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754

Db 22 GAGCTCGTTAAACAGATCTCAA 2

RESULT 1144

US-08-472-293-5/c

; Sequence 5, Application US/08472293

; Patent No. 5731174

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/472,293

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilhem F. Gadiano, Esq.

; REGISTRATION NUMBER: 37,136

; REFERENCE/DOCKET NUMBER: 4121-44

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 429-0625

; TELEFAX: (202) 293-1850

; TELEX: 650 383-5605

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: nucleic acid (other);

; DESCRIPTION: synthetic DNA

; US-08-472-293-5

Query Match

Best Local Similarity

Matches

17;

Conservative

0;

Mismatches

4;

Indels

0;

Gaps

0;

QY 3734 GAGCTTTTAAAGATCAAA 3754

Db 22 GAGCTCGTTAAACAGATCTCAA 2

RESULT 1145

US-08-474-545-5/c

; Sequence 5, Application US/08474545

; Patent No. 5736375

; GENERAL INFORMATION:

; APPLICANT: DEWEER, PHILIPPE

; APPLICANT: AMORY, ANTOINE

; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH

; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS

; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.

; STREET: 2000 K Street, N.W., Suite 200

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/474,545

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilhem F. Gadiano, Esq.

; REGISTRATION NUMBER: 37,136

; REFERENCE/DOCKET NUMBER: 4121-43

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 429-0625

; TELEFAX: (202) 293-1850

; TELEX: 650 383-5605

```
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (other);
; DESCRIPTION: synthetic DNA
US-08-474-545-5

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754
Db 22 GAGCTCGTTAAGATCTCAA 2

RESULT 1146
US-08-358-995-22/c
; Sequence 22, Application US/08358995
; Patent No. 5741638
; GENERAL INFORMATION:
; APPLICANT: AKIO YAMANE
; TITLE OF INVENTION: Microtiter Well For Detecting
; TITLE OF INVENTION: Nucleic Acid
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 500 Kb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,995
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/004,572
; FILING DATE: January 14, 1993
; APPLICATION NUMBER: 07/722,673
; FILING DATE: June 28, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX: 202-371-8856
; TELEX:
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL:
; ANTI-SENSE:
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:

; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE:
; LIBRARY:
; CLONE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: /note= "having biotin at
; OTHER INFORMATION: the 5' end with a spacer"
; PUBLICATION INFORMATION:
; AUTHORS:
; TITLE:
; JOURNAL:
; VOLUME:
; ISSUE:
; PAGES:
; DATE:
; DOCUMENT NUMBER:
; FILING DATE:
; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
US-08-358-995-22

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAACTTCACAGACCAGCTGC 1630
Db 21 AGAGCTTCACAGTCGACGCGC 1

RESULT 1147
US-08-753-147-9
; Sequence 9, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-753-147-9

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6469 TTTTCTGTTGTGTAATAGG 6489
Db 1 TTTTCTGTAATGATATGG 21

RESULT 1148
US-08-478-341-5/C
; Sequence 5, Application US/08478341
; Patent No. 5817498
; GENERAL INFORMATION:
; APPLICANT: DEWEER, PHILIPPE
; APPLICANT: AMORY, ANTOINE
; TITLE OF INVENTION: PULLULANASE, MICROORGANISMS WHICH
; TITLE OF INVENTION: PRODUCE IT, PROCESSES FOR THE PREPARATION OF THIS
; TITLE OF INVENTION: PULLULANASE AND THE USES THEREOF
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
; STREET: 2000 K Street, N.W., Suite 200
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,341
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilhem F. Gadiano, Esq.
; REGISTRATION NUMBER: 37,136
; REFERENCE/DOCKET NUMBER: 4121-45
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 429-0625
; TELEFAX: (202) 293-1850
; TELEX: 650 383-5605
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (other);
; DESCRIPTION: synthetic DNA
US-08-478-341-5

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAACAA 3754
Db 22 GAGCTCGTTAAACAGATCTCAA 2
```

```
RESULT 1149
US-08-465-590-121/c
; Sequence 121, Application US/08465590
; Patent No. 5824770
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,590
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/238,212
; FILING DATE: 02-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/121,438
; FILING DATE: 14-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Paul L.
; REGISTRATION NUMBER: 35,695
; REFERENCE/DOCKET NUMBER: MPG-006C2DV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-465-590-121

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5690 TACCACGTGTTTGCCTTCCTT 5710
Db 21 TTCCCTGTTTGGTTTCCTT 1

RESULT 1150
US-08-457-273B-30
; Sequence 30, Application US/08457273B
; Patent No. 5849995
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael
; APPLICANT: Lin, Biaoyang
; APPLICANT: Nasir, Jamal
; TITLE OF INVENTION: Mouse Model for Huntington's Disease and
; TITLE OF INVENTION: Related DNA Sequences
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Virginia Bennett
; STREET: PO Box 37428
; CITY: Raleigh
```

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; STATE: No. 5849995th Carolina
; COUNTRY: US
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,273B
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Virginia C.
; REGISTRATION NUMBER: 37,092
; REFERENCE/DOCKET NUMBER: 3477-85A
; TELEPHONE: 919-854-1400
; TELEFAX: 919-854-1401
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-457-273B-30

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5462 TCTTACTCTGATTTTGTGA 5482
Db 1 TTTTCTCTGTTTGTGA 21

RESULT 1151
US-08-910-484-4/c
; Sequence 4, Application US/08910484
; Patent No. 5914244
; GENERAL INFORMATION:
; APPLICANT: Coen, Donald M.
; ATTORNEY/AGENT INFORMATION:
; NAME: He, Zuwen
; TITLE OF INVENTION: UL97 FUSION PROTEINS AND METHODS OF USE
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,484
; FILING DATE: 25-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/022,888
; FILING DATE: 25-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 00246/202001
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 4:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-910-484-4

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 109 CGAGCCCGCGCGGATCCG 129
Db 21 CGGCGCGCGCGGATCCG 1

RESULT 1152
US-08-766-982-8/c
; Sequence 8, Application US/08766982
; Patent No. 5948992
; GENERAL INFORMATION:
; APPLICANT: Wahl, Robert C.
; TITLE OF INVENTION: Analogs of Macrophage Stimulating
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 DeWittland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,982
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-441
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-766-982-8

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2826 TTCCAGCCCGGAGCTGTG 2846
Db 21 TTCCAGGACCGCGTGTG 1

RESULT 1153
US-08-962-790-2/c
; Sequence 2, Application US/08962790
; Patent No. 6043035
; GENERAL INFORMATION:
; APPLICANT: BERTINA, ROGER M.
; APPLICANT: POORT, SWIBERTUS R.
; APPLICANT: ROSENDAAL, FRITS R.
; APPLICANT: REITSMA, PIETER H.
; TITLE OF INVENTION: A METHOD FOR DETERMINING A RISK FACTOR FOR THROMBOSIS

```



```
/ APPLICANT: Yu, Chang-En
/ APPLICANT: Oshima, Junko
/ APPLICANT: Mulligan, John T.
/ APPLICANT: Schellenberg, Gerald D.
/ TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
/ TITLE OF INVENTION: WERNER'S SYNDROME
/ NUMBER OF SEQUENCES: 209
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: SEED AND BERRY LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/781,891
/ FILING DATE: 27-DEC-1996
/ CLASSIFICATION: 800
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6090620tenburg Ph.D., Carol
/ REGISTRATION NUMBER: 39,317
/ REFERENCE/DOCKET NUMBER: 240052.419
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 88:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-781-891-88

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4149 CTGATTGTCTCTGACCTGG 4169
Db 2 CTGATTGTGTCTAGCCTGG 22

RESULT 1157
US-09-010-641-5/c
/ Sequence 5, Application US/09010641
/ Patent No. 6121023
/ GENERAL INFORMATION:
/ APPLICANT: ROMANO, JOSEPH W.
/ APPLICANT: SHURLIFF, ROXANNE
/ APPLICANT: WILLIAMS, KIMBERLY G.
/ TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR
/ TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,
/ TITLE OF INVENTION: MIP-1ALPHA AND MIP-1BETA
/ NUMBER OF SEQUENCES: 45
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: AKZO NOBEL PATENT DEPARTMENT
/ STREET: 1300 PICCARD DRIVE, SUITE 206
/ CITY: ROCKVILLE
/ STATE: MARYLAND
/ COUNTRY: USA
/ ZIP: 20850
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/010,641
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```
/ FILING DATE: 22-JAN-1998
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KLESNER, SHARON N.
/ REGISTRATION NUMBER: 36,335
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 301-948-7400
/ TELEFAX: 301-948-9751
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-09-010-641-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 690 CCTGGATGTGGCATGAGGCA 710
Db 21 CCTTGATGTGGGCACGGGCA 1

RESULT 1158
US-09-147-923-7
/ Sequence 7, Application US/09147923
/ Patent No. 6146863
/ GENERAL INFORMATION:
/ APPLICANT: Palmer, Leslie M.
/ APPLICANT: Pratt, Julie M.
/ APPLICANT: Hodgson, John E.
/ APPLICANT: Beattie, David T.
/ APPLICANT: Lowe, Adrian M.
/ APPLICANT: Lonetto, Michael A.
/ APPLICANT: Nicholas, Richard O.
/ APPLICANT: Deresiewicz, Robert L.
/ TITLE OF INVENTION: hcd
/ FILE REFERENCE: GM10104
/ CURRENT APPLICATION NUMBER: US/09/147,923
/ CURRENT FILING DATE: 1999-03-18
/ EARLIER APPLICATION NUMBER: 60/060,983
/ EARLIER FILING DATE: 1997-10-03
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 7
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Staphylococcus aureus
/ US-09-147-923-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2158 ATCCAATTCACAAGTCCACC 2178
Db 1 AGCCATTCTGCAAGGCCACC 21

RESULT 1159
US-08-275-526C-19/c
/ Sequence 19, Application US/08275526C
/ Patent No. 6180382
/ GENERAL INFORMATION:
/ APPLICANT: DE BUYL, ERIC
/ APPLICANT: LAHAYE, ANDR E
/ APPLICANT: LEDOUX, PIERRE
/ APPLICANT: AMORY, ANTOINE
/ APPLICANT: DETROZ, REN
/ APPLICANT: ANDRE, CHRISTOPHE
```

APPLICANT: VETTER, ROMAN
TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
TITLE OF INVENTION: EXPRESSION VECTORS FOR SUCH XYLANASE AND
TITLE OF INVENTION: OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
TITLE OF INVENTION: USE THEREOF
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
STREET: 2000 K St., N.W., Suite 200
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20006
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/275,526C
FILING DATE: 15-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Gadiano, Wilhem F.
REGISTRATION NUMBER: 37,136
REFERENCE/DOCKET NUMBER: 4121-49
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 429-0625
TELEFAX: (202) 293-0625
TELEX: 650 383 5605
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
US-08-275-526C-19

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCACAA 3754
||||| ||||| ||||| ||||| |||||
Db 22 GAGCTGTTACAGATCTCAA 2

RESULT 1160
US-08-927-219-64/c
Sequence 64, Application US/08927219
Patent No. 6187533
GENERAL INFORMATION:
APPLICANT: Bell, Graeme I.
APPLICANT: Yamagata, Kazuya
APPLICANT: Oda, Naohisa
APPLICANT: Kaiseki, Pamela J.
APPLICANT: Furuta, Hiroto
APPLICANT: Horikawa, Yukio
APPLICANT: Menzel, Stephen
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TITLE OF INVENTION: AND HNF-4ALPHA
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,219
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,679
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA: US 60/028,056
FILING DATE: 02-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:272
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-927-219-64

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4513 CAGGACTGGAGAGGTGGTG 4533
||||| ||||| ||||| ||||| |||||
Db 21 CAGGGATGGAGTAGGGGTGG 1

RESULT 1161
US-09-356-281-5/c
Sequence 5, Application US/09356281
Patent No. 6218154
GENERAL INFORMATION:
APPLICANT: ROMANO, JOSEPH W.
APPLICANT: SHUTLIFF, ROXANNE
APPLICANT: WILLIAMS, KIMBERLY G.
TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION BASED ASSAY FOR
TITLE OF INVENTION: THE DETECTION AND QUANTIFICATION OF CHEMOKINES RANTES,
TITLE OF INVENTION: MIP-1ALPHA AND MIP-1BETA
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: AKZO NOBEL PATENT DEPARTMENT
STREET: 1300 PICCARD DRIVE, SUITE 206
CITY: ROCKVILLE
STATE: MARYLAND
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/356,281
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA: 09/010,641
APPLICATION NUMBER: 22-JAN-1998
FILING DATE: 22-JAN-1998
ATTORNEY/AGENT INFORMATION:
NAME: KLESNER, SHARON N.

REGISTRATION NUMBER: 36,335
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-948-7400
TELEFAX: 301-948-9751
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-356-281-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 690 CCTGGATGGCCATGAGCA 710
DB 21 CCTGTATGGGACGGGCA 1

RESULT 1162
US-08-711-417C-121/c
Sequence 121, Application US/08711417C
Patent No. 6228611
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/711,417C
FILING DATE: 05-Sep-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154

INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-08-711-417C-121
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5690 TACCACTGTTTTCCTTCCTT 5710
DB 21 TTCCCTGTTTGTGTTTCCTT 1

RESULT 1163
US-09-018-584A-95/c
Sequence 95, Application US/09018584A
Patent No. 6238863
GENERAL INFORMATION:
APPLICANT: Schumm, James W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM REPEAT DNA MARKERS
TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM REPEAT DNA MARKERS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/018,584A
FILING DATE: 04-Feb-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-09-018-584A-95

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2861 AGGAAGCAGGAGGAGGAGG 2881
DB 22 AGAAGCAGCAGGTGCAGG 2

RESULT 1164
US-09-296-219-8/c
Sequence 8, Application US/09296219
Patent No. 6248560
GENERAL INFORMATION:
APPLICANT: Wahl, Robert C.
TITLE OF INVENTION: Analogs of Macrophage Stimulating Protein
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/296,219
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A-441
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-296-219-8

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2826 TTCCAGGCCCGAGGCTGTG 2846
|||||
DB 21 TTCAGGACCCAGGCGTTGTG 1

RESULT 1165
US-09-277-078-21
Sequence 21, Application US/09277078
Patent No. 6312949
GENERAL INFORMATION:
APPLICANT: Sakurada, Kazuhiro
APPLICANT: Palmer, Theo
APPLICANT: Gage, Fred H.
TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 07251/031001
CURRENT APPLICATION NUMBER: US/09/277,078
CURRENT FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 60
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 21
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for PCR
US-09-277-078-21

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6583 CATGTGTAACACAGGTTG 6603
|||||
DB 1 CATGTGTGACCAAGGTTG 21

RESULT 1166
US-08-481-659C-20
Sequence 20, Application US/08481659C
Patent No. 6333407
GENERAL INFORMATION:
APPLICANT: KOHMI-SHIGEMATSU, TERUMI
APPLICANT: KOHMI, YOSHINOBU
APPLICANT: DICKINSON, LILIANE A.
TITLE OF INVENTION: Matrix-Associated DNA-Binding Protein,
TITLE OF INVENTION: Nucleic Acids Encoding the Same and Methods for Detecting
TITLE OF INVENTION: the Nucleic Acids

NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,659C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/934,034
FILING DATE: 21-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 1651
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-481-659C-20

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7211 CTTTAGTTTCTAAACTTTT 7231
|||||
DB 2 CTTTAATTTCTAATATATTA 22

RESULT 1167
US-09-383-316-108
Sequence 108, Application US/09383316
Patent No. 6391551
GENERAL INFORMATION:
APPLICANT: Shultz, John W.
APPLICANT: Lewis, Martin K.
APPLICANT: Lieppe, Donna
APPLICANT: Mandrekar, Michelle
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine A.
APPLICANT: Hartnett, James R.
APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Wood, Keith W.
APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: PRO-104 6868/75529
CURRENT APPLICATION NUMBER: US/09/383,316
CURRENT FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/252,436
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 123

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: amplification
; OTHER INFORMATION: primer
US-09-383-316-108

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCCTGACGTAC 2559
Db      ||||| ||||| ||||| ||
        2 GAGCTGCAGATGCTGACCAAC 22

RESULT 1168
US-09-462-569B-3
; Sequence 3, Application US/09462569B
; Patent No. 6392124
; GENERAL INFORMATION:
; APPLICANT: PONZ ASCASO, Fernando
; APPLICANT: TORRES PASCUAL, Vicente
; APPLICANT: SANCHEZ SANCHEZ, Florentina
; APPLICANT: MARTINEZ HERRERA, David
; TITLE OF INVENTION: INFECTIOUS VECTORS AND CLONES OF PLANTS DERIVED FROM
; FILE REFERENCE: P/613-110
; CURRENT APPLICATION NUMBER: US/09/462,569B
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: PCT/ES98/00200
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: ES P 9701522
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: construct
US-09-462-569B-3

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 296 GCATGGCACTGTGGGGAAC 316
Db      ||||| ||||| ||||| ||
        2 GCATGGCACTGTGGGGAAC 22

RESULT 1169
US-09-076-677-19/c
; Sequence 19, Application US/09076677
; Patent No. 6423523
; GENERAL INFORMATION:
; APPLICANT: DE BUYL, ERIC
; APPLICANT: LAHAYE, ANDREE
; APPLICANT: LEDOUX, PIERRE
; APPLICANT: AMORY, ANTOINE
; APPLICANT: DETROZ, RENE
; APPLICANT: ANDRE, CHRISTOPHE
; APPLICANT: VETTER, ROMAN
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
; EXPRESSION VECTORS FOR SUCH XYLANASE AND
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
; USE THEREOF
```

```
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
; STREET: 2000 K St., N.W., Suite 200
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/09/076,677
; APPLICATION NUMBER: US/09/076,677
; FILING DATE: 12-May-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/275,526
; FILING DATE: 15-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gadiano, Wilhem F.
; REGISTRATION NUMBER: 37,136
; REFERENCE/DOCKET NUMBER: 4121-49
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 429-0625
; TELEFAX: (202) 293-0625
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-076-677-19

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCAAA 3754
Db      ||||| ||||| ||||| ||
        22 GAGCTCGTTACAGATCTCAA 22

RESULT 1170
US-09-073-055-19/c
; Sequence 19, Application US/09073055
; Patent No. 6426211
; GENERAL INFORMATION:
; APPLICANT: DE BUYL, ERIC
; APPLICANT: LAHAYE, ANDR E
; APPLICANT: LEDOUX, PIERRE
; APPLICANT: AMORY, ANTOINE
; APPLICANT: DETROZ, REN
; APPLICANT: ANDRE, CHRISTOPHE
; APPLICANT: VETTER, ROMAN
; TITLE OF INVENTION: XYLANASE DERIVED FROM A BACILLUS SPECIES,
; EXPRESSION VECTORS FOR SUCH XYLANASE AND
; OTHER PROTEINS, HOST ORGANISMS THEREFOR AND
; USE THEREOF

; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WILLIAM BRINKS HOFER GILSON & LIONE, P.C.
; STREET: 2000 K St., N.W., Suite 200
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,055
; FILING DATE: 05-May-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/275,526
; ATTORNEY/AGENT INFORMATION:
; NAME: Gadiano, Wilhem F.
; REGISTRATION NUMBER: 37,136
; REFERENCE/DOCKET NUMBER: 4121-49
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 429-0625
; TELEFAX: (202) 293-0625
; TELEX: 650 383 5605
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid (synthetic oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-073-055-19

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3734 GAGCTTTTAAAGATCACAA 3754
||||| ||||| ||||| ||||| |||||
DB 22 GAGCTGTTAAGATCTCAA 2

RESULT 1171
US-09-673-809-10/c
; Sequence 10, Application US/09673809
; Patent No. 6528261
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for typing of HLA alleles.
; FILE REFERENCE: PCT99.86 HLA
; CURRENT APPLICATION NUMBER: US/09/673,809
; CURRENT FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 98870088.6
; PRIOR FILING DATE: 1998-04-20
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-673-809-10

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1611 GAACCTTCACAGACGAGTCGG 1631
||||| ||||| ||||| ||||| |||||
DB 22 GAGCTTCACAGTCAGCGGCG 2

RESULT 1172
US-09-589-462-7/c
; Sequence 7, Application US/09589462
; Patent No. 655328
; GENERAL INFORMATION:
; APPLICANT: Aventis Pharmaceuticals Inc.
; APPLICANT: Keesler, George A.

; APPLICANT: Cesare, Mondadori
; APPLICANT: Zhengbin, Yao
; APPLICANT: Fernando, Camacho
; TITLE OF INVENTION: Screening Methods for Altering Circadian Rhythms and for Human Clock
; TITLE OF INVENTION: Kinase I Sigma and/or Epsilon Phosphorylation of Human Clock
; FILE REFERENCE: 1, -2 and -3
; CURRENT APPLICATION NUMBER: US/09/589,462
; CURRENT FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Rattus rattus
US-09-589-462-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3239 TTTTGGAGGCGCTTAATCAGA 3259
||||| ||||| ||||| ||||| |||||
DB 21 TTGTGAGCGCCTTAACCAGA 1

RESULT 1173
US-09-454-495-7
; Sequence 7, Application US/09454495
; Patent No. 6576759
; GENERAL INFORMATION:
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zeng, Hong
; APPLICANT: Vallerga, Anne
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51
; FILE REFERENCE: A-67649-1/RMS/DAV/JJD
; CURRENT APPLICATION NUMBER: US/09/454,495
; CURRENT FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/119,578
; PRIOR FILING DATE: 1999-02-10
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic.
US-09-454-495-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3477 CCCTAGTAATCTTAAGGCAC 3497
||||| ||||| ||||| ||||| |||||
DB 1 CCCAAGTCATTCCTAAGGCAC 21

RESULT 1174
US-09-618-166-81
; Sequence 81, Application US/09618166
; Patent No. 6583112
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; Yu, Chang-En
; Oshima, Junko
; Mulligan, John T.
; Schellendberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209

```
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/618,166
; FILING DATE: 17-Jul-2000
; CLASSIFICATION: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 240052.419C1
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
;
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 81:
US-09-618-166-81

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7337 AGCTGTACCTTGCAGTCCA 7357
||| ||| ||| ||| ||| |||
DB 1 AGATGTACTTTGCCCATCCA 21

RESULT 1175
US-09-618-166-88
; Sequence 88, Application US/09618166
; Patent No. 6583112
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; Yu, Chang-En
; Oshima, Junko
; Mulligan, John T.
; Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
;
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/618,166
; FILING DATE: 17-Jul-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
```

```
;
; REFERENCE/DOCKET NUMBER: 240052.419C1
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
;
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 88:
US-09-618-166-88

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4149 CTGATTGTCTCTGACCTGG 4169
||| ||| ||| ||| ||| |||
DB 2 CTGATTGTGTCTAGCCTGG 22

RESULT 1176
US-09-168-947-46
; Sequence 46, Application US/09168947
; Patent No. 6589734
; GENERAL INFORMATION:
; APPLICANT: KACIAN, DANIEL L.
; APPLICANT: FULTZ, TIMOTHY J.
; APPLICANT: MCDONOUGH, SHERROL H.
; TITLE OF INVENTION: DETECTION OF HIV
; FILE REFERENCE: 218/130
; CURRENT APPLICATION NUMBER: US/09/168,947
; CURRENT FILING DATE: 1998-10-08
; EARLIER APPLICATION NUMBER: 08/469,067
; EARLIER FILING DATE: 1995-06-06
; EARLIER APPLICATION NUMBER: 07/550,837
; EARLIER FILING DATE: 1990-07-10
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized nucleic acid molecule
US-09-168-947-46

Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCCTGACGTAC 2559
||| ||| ||| ||| ||| |||
DB 2 GAGCTGCAGATGCTGACCAAC 22

RESULT 1177
US-09-180-245-25
; Sequence 25, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; APPLICANT: Carrithers, Stephen L
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITILE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; CURRENT FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
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; SEQ ID NO 25
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-25

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 2 AATGAGGGGCTGGAATAGTG 22

RESULT 1178
US-09-180-245-27
; Sequence 27, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1999-03-11
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-27

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 2 AATGAGGGGCTGGAATAGTG 22

RESULT 1179
US-09-180-245-29
; Sequence 29, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1999-03-11
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-29
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Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 2 AATGAGGGGCTGGAATAGTG 22

RESULT 1180
US-09-180-245-31
; Sequence 31, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1999-03-11
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-31

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 1 AATGAGGGGCTGGAATAGTG 21

RESULT 1181
US-09-180-245-33
; Sequence 33, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1999-03-11
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-33

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3199 AGTGAGGGGCTTGAGAAAGTG 3219
Db 1 AATGAGGGGCTGGAATAGTG 21

RESULT 1182
US-09-180-245-35
; Sequence 35, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1999-03-11
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-35
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Db      1  AATGAGGGCTGGAATACTG 21

RESULT 1182
US-09-180-245-35
; Sequence 35, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-35

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3201 TGAGGGGCTTGAGAAAGTGGG 3221
        ||||| ||||| ||||| |||||
Db      2  TGAGGGGCTGGAATACTGAG 22

RESULT 1183
US-09-180-245-37
; Sequence 37, Application US/09180245
; Patent No. 6602659
; GENERAL INFORMATION:
; APPLICANT: Waldman, Scott A
; TITLE OF INVENTION: Methods of and Kits and Compositions for Diagnosing
; TITLE OF INVENTION: Colorectal Tumors and Metastasis Thereof
; FILE REFERENCE: TJU2161
; CURRENT APPLICATION NUMBER: US/09/180,245
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: PCT/US97/07467
; EARLIER FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6602659el Sequence
US-09-180-245-37

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3201 TGAGGGGCTTGAGAAAGTGGG 3221
        ||||| ||||| ||||| |||||
Db      2  TGAGGGGCTGGAATACTGAG 22

RESULT 1184
US-09-723-909-121/c
; Sequence 121, Application US/09723909
; Patent No. 6630141
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia A.
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 202
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/723,909
; FILING DATE: 28-No. 6630141-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/711,417
; FILING DATE: 05-Sep-1996
; APPLICATION NUMBER: 08/238,212
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 08/121,438
; FILING DATE: 14-SEP-1993
; APPLICATION NUMBER: 07/946,233
; FILING DATE: 14-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Louis P.
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: 10287/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-09-723-909-121

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5690 TACCACTGTTTGCCTTCCTT 5710
        ||||| ||||| ||||| |||||
Db      21  TTCCCTGTTTGGTTTCCTT 1

RESULT 1185
PCT-US93-08743-121/c
; Sequence 121, Application PC/TUS9308743
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
; NUMBER OF SEQUENCES: 152
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08743
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 946,233
; FILING DATE: 14-SEP-1992
; TELECOMMUNICATION INFORMATION:
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TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US93-08743-121

Query Match 0.2%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 1.9e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5690 TACCACGTGTTTGCCTTCCTT 5710.

Db 21 TTCCCTGTTTGGTTTCCTT 1

RESULT 1186

US-09-866-108A-13467

Sequence 13467, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeonica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 13467

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-13467

Query Match 0.2%; Score 14.6; DB 1; Length 25;

Best Local Similarity 81.0%; Pred. No. 2.2e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1412 AGGATCAGTCGCGAGGTGA 1432

Db 2 AGGATGACCTGAATGAGCTGA 22

RESULT 1187

US-08-771-781-2/c

Sequence 2, Application US/08771781

Patent No. 6027886

GENERAL INFORMATION:

APPLICANT: LEVING, Hermann

APPLICANT: HINZPETER, Matthias

APPLICANT: WITTOR, Heiko

APPLICANT: FRITTON, Hans-Peter

TITLE OF INVENTION: METHOD FOR THE QUANTITATIVE

TITLE OF INVENTION: DETECTION OF SPECIFIC NUCLEIC ACID SEQUENCES

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP

STREET: 655 Fifteenth Street N.W. Suite 330

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20005-5701

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/771,781

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE 195 48 680.3

FILING DATE: 23-DEC-1995

ATTORNEY/AGENT INFORMATION:

NAME: Murray, Robert B.

REGISTRATION NUMBER: 22,980

TELEPHONE: (202)638-5000

TELEFAX: (202)638-4810

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs

TYPE: nucleotide

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: nucleic acid

US-08-771-781-2

Query Match 0.2%; Score 14.6; DB 1; Length 30;

Best Local Similarity 81.0%; Pred. No. 2.7e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4019 GAAAAAAGAGAGAAAAACAAA 4039

Db 21 GAAAAAAGAGAGAAAAACAAA 1

RESULT 1188

US-09-479-005A-70

Sequence 70, Application US/09479005A

Patent No. 6656731

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity

FILE REFERENCE: MBH00-884-C

CURRENT APPLICATION NUMBER: US/09/479,005A

CURRENT FILING DATE: 2000-01-07

PRIOR APPLICATION NUMBER: US 09/444,209

PRIOR FILING DATE: 1999-11-19

PRIOR APPLICATION NUMBER: US 09/159,274

PRIOR FILING DATE: 1998-09-22

PRIOR APPLICATION NUMBER: US 60/059,473

PRIOR FILING DATE: 1997-09-22

; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 70
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-70

Query Match 0.2%; Score 14.4; DB 1; Length 16;
Best Local Similarity 43.8%; Pred. No. 1.1e+03;
Matches 7; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 4599 TTTTCTCTGCCCCA 4514
Db 1 UUUUUUCCGUCUCA 16

RESULT 1189
US-08-373-124A-736/c
; Sequence 736, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 736:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-736
Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.1e+03;
Matches 7; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 4599 TTTTCTCTGCCCCA 4514
Db 1 UUUUUUCCGUCUCA 16

Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.1e+03;
Matches 7; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5659 ATCCTCTTAGTTGGGT 5674
Db 16 ATCCTCTTAGTTGGGT 1

RESULT 1190
US-08-373-124A-972/c
; Sequence 972, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 972:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-972
Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGAGATAATTTT 5496
Db 17 TAAAGAGATAATTTT 2

RESULT 1191
Query Match 0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

US-08-373-124A-1965
 ; Sequence 1965, Application US/08373124A
 ; Patent No. 5646042

; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/373.124A
 ; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440

; INFORMATION FOR SEQ ID NO: 1965:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-08-373-124A-1965

Query Match 0.2%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 1.3e+03;
 Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 3477 CCTAGTATACCTAA 3492
 ||| |||:|:|:|:|:|:|
 Db 2 CCCAAGUAUACUAA 17

RESULT 1192
 US-08-373-124A-2053/c
 ; Sequence 2053, Application US/08373124A
 ; Patent No. 5646042

; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/373.124A
 ; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440

; INFORMATION FOR SEQ ID NO: 2053:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-08-373-124A-2053

Query Match 0.2%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 1.3e+03;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGAGATAATTTT 5496
 ||| |||:|:|:|:|:|:|
 Db 17 TAAAGATATATTTT 2

RESULT 1193
 US-08-373-124A-2143
 ; Sequence 2143, Application US/08373124A
 ; Patent No. 5646042

; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California

/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 736:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-736

Query Match 0.2% Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5659 ATCCTCTTACTTGGGT 5674
|||||
Db 16 ATCCTTACTTGGGT 1

RESULT 1196
US-08-435-628-972/c
/ Sequence 972, Application US/08435628
/ Patent No. 5817796
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: McSwiggen, James
/ APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITL OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440

/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 972:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-972

Query Match 0.2% Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5481 TAAAAAGATAATTTT 5496
|||||
Db 17 TAAAAATATAATTTT 2

RESULT 1197
US-08-435-628-1965
/ Sequence 1965, Application US/08435628
/ Patent No. 5817796
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: McSwiggen, James
/ APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITL OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440

Db 16 GGCATGTTGGTGGTG 1

RESULT 1205

US-09-371-772B-1264
; Sequence 1264, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1264
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1264

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 1.3e+03;

Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 3966 AATATTCCTTAACGGG 3981

Db 2 AAUAUUUCUAAUUGG 17

RESULT 1206

US-09-371-772B-1265
; Sequence 1265, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1265
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1265

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 1.3e+03;

Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 3967 ATATTCCTTAACGGG 3982

Db 1 AAUAUUUCUAAUUGG 16

RESULT 1207

US-09-371-772B-1409/c
; Sequence 1409, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1409
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1409

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3324 GATGTTTAAATCGGTT 3339

Db 16 GATGTTTAAACGGTT 1

RESULT 1208

US-09-866-108A-2192/c
; Sequence 2192, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663


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/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2669
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2669

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3878 CCGCCCGCCGCGGCT 3893
DB 16 CCGCCCGCCGCGGCT 1

RESULT 1212
US-09-866-108A-7981/c
/ Sequence 7981, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2669
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2669
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/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7981
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7981

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4951 TTTTTCCTGCTGGCT 4966
DB 17 TGTTCCTGCTGGCT 2

RESULT 1213
US-09-866-108A-7982/c
/ Sequence 7982, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7982
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7982

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4951 TTTTTCCTGCTGGCT 4966
DB 17 TGTTCCTGCTGGCT 2
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Db 16 TGTTCCTGCTGGCT 1

RESULT 1214
US-08-488-212A-51
; Sequence 51, Application US/08488212A
; Patent No. 5665355
; GENERAL INFORMATION:
; APPLICANT: Primi, Daniele
; TITLE OF INVENTION: Diagnosis and Treatment of
; TITLE OF INVENTION: AIDS Onset
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas E. Popovich, Thomas
; ADDRESSEE: Popovich & Associates
; STREET: 80 South 8th Street
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55402-2111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible Compaq Prolinea
; COMPUTER: 4/66
; OPERATING SYSTEM: MS-DOS Version 5
; SOFTWARE: Microsoft Word for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,212A
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,485
; FILING DATE: No. 5665355ember 9, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. Popovich
; REGISTRATION NUMBER: 30099
; REFERENCE/DOCKET NUMBER: 3678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 334-8991
; TELEFAX: (612) 334-8994
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
; MOLECULE TYPE: Va region)
; HYPOTHETICAL: No
; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Betinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5665355ember 8, 1991
US-08-488-212A-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTCGAA 7401
Db 3 TCCAGTTCCTCTCGAA 18

RESULT 1215
US-08-363-585-75/c
; Sequence 75, Application US/08363585
; Patent No. 5683872
; GENERAL INFORMATION:
; APPLICANT: Rudert, William A.
; APPLICANT: Trucco, Massimo
; TITLE OF INVENTION: Polymers of Oligonucleotide Probes
; TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
; TITLE OF INVENTION: Dot Blots
; NUMBER OF SEQUENCES: 112
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: University of Pittsburgh
; ADDRESSEE: Office of Intellectual Property
; STREET: 911 William Pitt Union
; CITY: Pittsburgh
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 15260
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5-1/4" low density diskette
; COMPUTER: IBM PC or compatibles
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,585
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/786,228
; FILING DATE: 31-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frederick H. Cohen; Mary-Elizabeth Buckles
; REGISTRATION NUMBER: 28,061; 31,907
; REFERENCE/DOCKET NUMBER: 92-232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 412/288-4164
; TELEFAX: 412/288-3063
; TELEX: 277871
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; PUBLICATION INFORMATION:
; AUTHORS: Kimura, A.
; AUTHORS: Sasazuki, T.
; TITLE: Eleventh International Histocompatibility
; TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
; TITLE: Technique
; JOURNAL: HLA 1991
; VOLUME: 1
; PAGES: 397-419
; DATE: 1992
; RELEVANT RESIDUES IN SEQ ID NO: 75: 1 to 18
US-08-363-585-75

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4222 TTCCTCTGTGCAGATA 4237
Db 17 TGCCTCTGTGCAGATA 2

RESULT 1216
US-08-358-995-18/c
; Sequence 18, Application US/08358995

; Patent No. 5741638
; GENERAL INFORMATION:
; APPLICANT: AKIO YAMANE
; TITLE OF INVENTION: Microtiter Well For Detecting
; TITLE OF INVENTION: Nucleic Acid
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 500 Kb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,995
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/004,572
; FILING DATE: January 14, 1993
; APPLICATION NUMBER: 07/722,673
; FILING DATE: June 28, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX: 202-371-8856
; TELEX:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL:
; ANTI-SENSE:
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE:
; LIBRARY:
; CLONE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
; PUBLICATION INFORMATION:
; AUTHORS:
; TITLE:
; JOURNAL:
; VOLUME:
; ISSUE:

; PAGES:
; DATE:
; DOCUMENT NUMBER:
; FILING DATE:
; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
; US-08-358-995-18
; Query Match 0.2%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 1.4e+03;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
; QY 4222 TTCCTCTGTGCAGATA 4237
; Db 17 TGCCTCTGTGCAGATA 2
; RESULT 1217
; US-08-224-657-81/c
; Sequence 81, Application US/08224657
; Patent No. 5756102
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,657
; FILING DATE: 06-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2550
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-224-657-81
; Query Match 0.2%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 1.4e+03;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
; QY 93 GGCTTGGTAGGGGAGC 108
; Db 18 GTCTTGGTAGGGGAGC 3
; RESULT 1218
; US-08-758-306-979/c

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; Sequence 979, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 979:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-979

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4361 CCTGTGGACAGGCTGG 4376
Db 16 CCAGTGGACAGGCTGG 1

RESULT 1219
US-08-653-037A-13/c
; Sequence 13, Application US/08653037A
; Patent No. 5824316
; GENERAL INFORMATION:
; APPLICANT: Grubman, Marvin J.
; APPLICANT: Mason, Peter W.
; APPLICANT: Piccone, Maria E.
; APPLICANT: Rieder, Elizabeth
; TITLE OF INVENTION: Leader-Proteinase Deleted Foot-and-Mouth
; TITLE OF INVENTION: Disease Viruses and Their Use as Vaccines
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Janelle S. Graeter
; STREET: Room 411, Building 005, BARC-W
; CITY: Beltsville

; STATE: MD
; COUNTRY: USA
; ZIP: 20705
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/653,037A
; FILING DATE: 24-MAY-1996
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Graeter, Janelle S.
; REGISTRATION NUMBER: 35,024
; REFERENCE/DOCKET NUMBER: 0007.95
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-504-5676
; TELEFAX: 301-504-5060
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Foot and mouth disease virus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-653-037A-13

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1447 CCGGCGCCCATCTTGC 1462
Db 17 CCGGCGCCCATCTTTC 2

RESULT 1220
US-08-117-952-425
; Sequence 425, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
```


ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 425:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-425

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3624 GGTGGGGTGGGAG 3639
||| |||||
Db 1 GGTGGGGTGGGAG 16

RESULT 1221
US-08-320-306-51
Sequence 51, Application US/08320306
Patent No. 5891623
GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas E. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/320,306
FILING DATE: 06-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5891623ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor

MOLECULE TYPE: Va region)
HYPOTHETICAL: NO
ORIGINAL SOURCE: Synthesized using
ORIGINAL SOURCE: oligonucleotide synthesis machine
PUBLICATION INFORMATION:
AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
AUTHORS: Daniele
TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
JOURNAL: Science
VOLUME: 254
ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE: No. 5891623ember 8, 1991
US-08-320-306-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTGAA 7401
||| |||||
Db 3 TCCAGTTCCTCTGAA 18

RESULT 1222
US-08-488-209B-51
Sequence 51, Application US/08488209B
Patent No. 5925513
GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas E. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,209B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5925513ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor

```

; HYPOTHETICAL: NO
; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5925513ember 8, 1991
; US-08-488-209B-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTCGAA 7401
DB 3 TCCAGTTCCTCTCGAA 18

RESULT 1223
US-08-408-011-51
; Sequence 51, Application US/08408011
; Patent No. 5928642
; GENERAL INFORMATION:
; APPLICANT: Primi, Daniele
; TITLE OF INVENTION: Diagnosis and Treatment of
; TITLE OF INVENTION: AIDS Onset
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas E. Popovich, Thomas
; ADDRESS: Popovich & Associates
; STREET: 80 South 8th Street
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55402-2111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible Compaq Prolinea
; COMPUTER: 4/66
; OPERATING SYSTEM: MS-DOS Version 5
; SOFTWARE: Microsoft Word for Windows
; CURRENT APPLICATION NUMBER: US/08/408,011
; FILING DATE: 18-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,485
; FILING DATE: No. 5928642ember 9, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. Popovich
; REGISTRATION NUMBER: 30099
; REFERENCE/DOCKET NUMBER: 3678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 334-8991
; TELEFAX: (612) 334-8994
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
; MOLECULE TYPE: Va region)
; HYPOTHETICAL: NO

```

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; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5928642ember 8, 1991
; US-08-408-011-51

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7386 TACAGTTCCTCTCGAA 7401
DB 3 TCCAGTTCCTCTCGAA 18

RESULT 1224
US-08-389-423-28
; Sequence 28, Application US/08389423
; Patent No. 5948672
; GENERAL INFORMATION:
; APPLICANT: Rasmussen, Grethe
; APPLICANT: Mikkelsen, Jan Moller
; APPLICANT: Schlein, Martin
; APPLICANT: Patkar, Shankant A.
; APPLICANT: Hagen, Fred
; TITLE OF INVENTION: A Cellulase Preparation Comprising an
; TITLE OF INVENTION: Endoglucanase Enzyme
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5948672o No. 5948672disk of No. 5948672th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/389,423
; FILING DATE: 14-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-389-423-28

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 1132 GCACGATTTTCAGC 1147
| | | | |
Db 3 GCACATATTTTCAGC 18

RESULT 1225
US-08-675-566-57/c
; Sequence 57, Application US/08675566
; Patent No. 6090393
; GENERAL INFORMATION:
; APPLICANT: Fischer, Laurent
; TITLE OF INVENTION: PROMOTERS, EXPRESSION CASSETTES,
; TITLE OF INVENTION: RECOMBINANT VIRUSES, METHODS FOR MAKING, AND USES THEREOF
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/675,566
; FILING DATE: 03-JUL-1996
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer Esq., William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2890
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)840-3333
; TELEFAX: (212)840-0712
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-675-566-57

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 93 GGCTTGTTAGGGAGC 108
| | | | |
Db 18 GTCTTGTTAGGGAGC 3

RESULT 1226
US-09-280-409-35
; Sequence 35, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-35

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7009 ATTTCTCTTTTACAG 7024
| | | | |
Db 3 ATTTCTCTTTTACAG 18

RESULT 1227
US-09-630-706-61/c
; Sequence 61, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 61
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-61

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6550 GTAAGGCTGGTGGGAC 6565
| | | | |
Db 18 GTAAGGCTGGTGGGAC 3

RESULT 1228
US-09-354-138-81/c
; Sequence 81, Application US/09354138
; Patent No. 6305647
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; APPLICANT: Gettig, Russell
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/354,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,379
; FILING DATE: 07-JUN-1995

APPLICATION NUMBER: US 08/416,646
FILING DATE: 05-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/224,657
FILING DATE: 16-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/073,962
FILING DATE: 08-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/776,867
FILING DATE: 23-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/621,614
FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/938,283
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/105,483
FILING DATE: 12-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/847,951
FILING DATE: 06-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/713,967
FILING DATE: 11-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07,665,056
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2860
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-354-138-81

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 93 GGCTTGTTGGGGAGC 108
DB 18 GTCTTGTTGGGGAGC 3

RESULT 1229
US-09-189-028-28
Sequence 28, Application US/09189028
Patent No. 6423524
GENERAL INFORMATION:
APPLICANT: Rasmussen, Grethe
APPLICANT: Mikkelsen, Jan Moller
APPLICANT: Schuelein, Martin
APPLICANT: Patkar, Shankant A.
APPLICANT: Hagen, Fred
TITLE OF INVENTION: A Cellulase Preparation Comprising an
ENDOGLYCANASE ENZYME
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESS: No. 6423524 of No. 6423524disk of No. 6423524th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America

ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/189,028
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/389,423
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469.214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-189-028-28

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GCACAGTATTTCAGC 1147
DB 3 GCACAGTATTTCAGC 18

RESULT 1230
US-09-920-760-43/c
Sequence 43, Application US/09920760
Patent No. 6492173
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
FILE REFERENCE: RTS-0275
CURRENT APPLICATION NUMBER: US/09/920,760
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 43
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-43

Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2829 CAAGCCCGAGGAGCTG 2844
DB 18 CAAGCCCGAGGAGCTG 3

RESULT 1231
US-09-422-978-4233/c
Sequence 4233, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta

```
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4233
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-14090 for SEQ 299,
US-09-422-978-4233
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Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 5651 CCAGCCTCATCCTCTT 5666
      ||||| ||||| |||||
Db 18 CCAGCTTCATCCTCTT 3
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RESULT 1232
US-09-422-978-5292
; Sequence 5292, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5292
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2328 for SEQ 1358,
US-09-422-978-5292
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Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 6322 CTCTTGTGGGAATTT 6337
      ||||| ||||| |||||
Db 2 CTCTTGTGGGAATTT 17
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RESULT 1233
US-09-422-978-9599
; Sequence 9599, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9599
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-6038 for SEQ 1734, in complem
US-09-422-978-9599
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```
Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1761 TATTGTCATCCTGCCA 1776
      ||||| ||||| |||||
Db 1 TAGTGTATCCTGCCA 16
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RESULT 1234
US-09-422-978-11161/c
; Sequence 11161, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11161
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-3045 for SEQ 3296, in complem
US-09-422-978-11161
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Query Match 0.2%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2419 ACCAATCATCCACC 2434
      ||||| ||||| |||||
Db 16 ACCAATCATCCATC 1
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RESULT 1235
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US-08-967-101-171
; Sequence 171, Application US/08967101
; Patent No. 5840540
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/967,101
; FILING DATE: 10-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-171
Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6194 AGAGGATGGAGAGAT 6209
Db 2 AGAGGATGGAGAGAT 17
RESULT 1236
US-08-592-541-171
; Sequence 171, Application US/08592541
; Patent No. 5986054
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,698
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-967-101-171
Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-592-541-171
Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6194 AGAGGATGGAGAGAT 6209
Db 2 AGAGGATGGAGAGAT 17
RESULT 1237
US-09-124-698-171
; Sequence 171, Application US/09124698
; Patent No. 6117978
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,698
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid

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; DESCRIPTION: /desc = "primer"
US-09-124-698-171

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6194 AGAGATGGAGAGAAAT 6209
    |||||
Db 2 AGAGATGGAGAGAAAT 17

RESULT 1238
US-09-135-021-67/c
; Sequence 67, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Splawski, Igor
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
; TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 67
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-021-67

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3020 GTCACATCTGCCCTG 3035
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Db 17 GTCACACCTGCCCTG 2

RESULT 1239
US-09-127-480-171
; Sequence 171, Application US/09127480
; Patent No. 6194153
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: ROWMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/127,480
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-127-480-171

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6194 AGAGATGGAGAGAAAT 6209
    |||||
Db 2 AGAGATGGAGAGAAAT 17

RESULT 1240
US-09-338-907-418
; Sequence 418, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 418
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332
US-09-338-907-418

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 312 GAAACCAATCAAGCTC 327
    |||||
Db 1 GAAACCAATCAAGCTC 16

RESULT 1241
US-09-135-020-69/c
; Sequence 69, Application US/09135020
; Patent No. 6274332
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
```

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; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN minK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/135,020
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-020-69

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3020 GTCACATCTGGCCCTG 3035
      ||||| ||||| |||||
Db       17 GTCACACCTGGCCCTG 2

RESULT 1242
US-09-135-010A-69/c
; Sequence 69, Application US/09135010A
; Patent No. 6277978
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KvLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/135,010A
; CURRENT FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-010A-69

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      3020 GTCACATCTGGCCCTG 3035
      ||||| ||||| |||||
Db       17 GTCACACCTGGCCCTG 2
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RESULT 1243
US-09-444-871-69/c
; Sequence 69, Application US/09444871
; Patent No. 6323026
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN minK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,871
; CURRENT FILING DATE: 1999-11-22
; EARLIER APPLICATION NUMBER: US 09/135,020
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-69

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3020 GTCACATCTGGCCCTG 3035
      ||||| ||||| |||||
Db       17 GTCACACCTGGCCCTG 2

RESULT 1244
US-09-218-207-418
; Sequence 418, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 418
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332
US-09-218-207-418

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 312 GAAACCAATCAAGCTC 327
    ||||| ||||| |||||
Db 1 GAAACCAATCAAGCTC 16

RESULT 1245
US-09-124-523-171
; Sequence 171, Application US/09124523
; Patent No. 6395960
; GENERAL INFORMATION:
; APPLICANT: ST. GEORGE-HYSLOP, PETER H
; APPLICANT: KOMMENS, JOHANNA M
; APPLICANT: FRASER, PAUL E
; TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
; TITLE OF INVENTION: TO ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 183
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: High Street Tower - 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,523
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,541
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pitcher, Edmund R.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-124-523-171

Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6194 AGAGATGGAGAGAAAT 6209
    ||||| ||||| |||||
Db 2 AGAGATGGAGAGAAAT 17

RESULT 1246
US-09-345-882-117
; Sequence 117, Application US/09345882
; Patent No. 6399373
; GENERAL INFORMATION:
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
; TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
; FILE REFERENCE: GENSET 031A
; CURRENT APPLICATION NUMBER: US/09/345,882
; CURRENT FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: US 60/091,315
; PRIOR FILING DATE: 1998-06-30

; PRIOR APPLICATION NUMBER: US 60/111,909
; PRIOR FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: Patent.pm
; SEQ ID NO 117
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 5-143-101.mis1
US-09-345-882-117

Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3627 GGGGGTGGGAGAGGAG 3642
    ||||| ||||| |||||
Db 1 GGGGGTGGCAGAGGAG 16

RESULT 1247
US-09-597-735-69/c
; Sequence 69, Application US/09597735
; Patent No. 6420124
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,735
; CURRENT FILING DATE: 2000-06-19
; EARLIER APPLICATION NUMBER: 09/135,010
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-597-735-69

Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035
    ||||| ||||| |||||
Db 17 GTCACACCTGGCCCTG 2

RESULT 1248
US-09-444-295-69/c
; Sequence 69, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
```

APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN minK WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
FILE REFERENCE: 2323-131
CURRENT APPLICATION NUMBER: US/09/444,295
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/135,020
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 69
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-444-295-69

Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035

Db 17 GTCACACCTGGCCCTG 2

RESULT 1249

US-09-597-732-69/c
Sequence 69, Application US/09597732
Patent No. 6451534
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/597,732
CURRENT FILING DATE: 2000-06-19
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 69
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-597-732-69

Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035

Db 17 GTCACACCTGGCCCTG 2
RESULT 1250
US-09-636-796A-171
Sequence 171, Application US/09636796A
Patent No. 6485911
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/636,796A
FILING DATE: 11-Aug-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 171:
US-09-636-796A-171

Query Match 0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6194 AGAGAATGGAGAGAAAT 6209

Db 2 AGAGGATGGAGAGAAAT 17

RESULT 1251

US-09-422-978-5006
Sequence 5006, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 5006

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-2024 for SEQ 1072,
US-09-422-978-5006

Query Match 0.2%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3993 ACAAAAACCTCTTAGG 4008

|||||

Db 4 ACAAAAACCTCTTGG 19

RESULT 1252

US-09-422-978-6457/c

Sequence 6457, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 6457

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-11580 for SEQ 2523,
US-09-422-978-6457

Query Match 0.2%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3269 GATTGTTTAAGAGA 3284

|||||

Db 17 GATTGTTTAAGACGA 2

RESULT 1253

US-09-422-978-8352

Sequence 8352, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8352

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: downstream amplification primer 99-1490 for SEQ 487, in complete

US-09-422-978-8352

Query Match 0.2%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 312 GAAACCAATCAAGCTC 327

|||||

Db 1 GAAACCAATCAAGCTC 16

RESULT 1254

US-09-060-299-54

Sequence 54, Application US/09060299

Patent No. 6545137

GENERAL INFORMATION:

APPLICANT: Todd, John A

APPLICANT: Hess, John W

APPLICANT: Caskey, Charles T

APPLICANT: Cox, Roger D

APPLICANT: Gerhold, David

APPLICANT: Hammond, Holly

APPLICANT: Hey, Patricia

APPLICANT: Kawaguchi, Yoshihiko

APPLICANT: Merriman, Tony R

APPLICANT: Metzker, Michael L

TITLE OF INVENTION: No. 6545137el Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye

STREET: 1100 No. 6545137th Glebe Road, Eighth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: US

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25 (BPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,299

FILING DATE: 15-APR-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

PRIOR APPLICATION DATA: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J. Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-35

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-060-299-54

Query Match 0.2%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 1.6e+03;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1852 GTGAAGAAGCTGGTCA 1867
 DB 1 GTGCAGAACGTGGTCA 16

RESULT 1255
 US-09-402-923A-54
 ; Sequence 54, Application US/09402923A
 ; Patent No. 6555654
 ; GENERAL INFORMATION:
 ; APPLICANT: Todd, John A
 ; Hess, John W
 ; Caskey, Charles T
 ; Cox, Roger D
 ; Gerhold, David
 ; Hammond, Holly
 ; Hey, Patricia
 ; Kawaguchi, Yoshihiko
 ; Merriman, Tony R
 ; Metzker, Michael L

TITLE OF INVENTION: No. 6555654el LDL-Receptor
 NUMBER OF SEQUENCES: 455
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Nixon and Vanderhye
 STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
 CITY: Arlington
 STATE: Virginia
 COUNTRY: US
 ZIP: VA 22201-4714
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/402,923A
 FILING DATE: 14-Feb-2001
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/GB98/01102
 FILING DATE: 15-APR-1998
 APPLICATION NUMBER: US 60/043,553
 FILING DATE: 15-APR-1997
 APPLICATION NUMBER: US 60/048,740
 FILING DATE: 05-JUN-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: B.J.Sadoff
 REGISTRATION NUMBER: 36,663
 REFERENCE/DOCKET NUMBER: 620-81
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)816-4091
 TELEFAX: (703)816-4100
 INFORMATION FOR SEQ ID NO: 54:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQ ID NO: 54;
 SEQUENCE DESCRIPTION: US-09-402-923A-54

Query Match 0.2%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1852 GTGAAGAAGCTGGTCA 1867
 DB 1 GTGCAGAACGTGGTCA 16

RESULT 1256
 US-09-597-731-69/c
 ; Sequence 69, Application US/09597731
 ; Patent No. 6582913
 ; GENERAL INFORMATION:
 ; APPLICANT: Keating, Mark T.
 ; APPLICANT: Sanguinetti, Michael C.
 ; APPLICANT: Curran, Mark E.
 ; APPLICANT: Landes, Gregory M.
 ; APPLICANT: Connors, Timothy D.
 ; APPLICANT: Burn, Timothy C.
 ; APPLICANT: Splawski, Igor
 ; TITLE OF INVENTION: KVLOT1 - A LONG QT SYNDROME GENE
 ; FILE REFERENCE: 2323-133
 ; CURRENT APPLICATION NUMBER: US/09/597,731
 ; CURRENT FILING DATE: 2000-06-19
 ; PRIOR APPLICATION NUMBER: 09/135,010
 ; PRIOR FILING DATE: 1998-08-17
 ; PRIOR APPLICATION NUMBER: 08/921,068
 ; PRIOR FILING DATE: 1997-08-29
 ; PRIOR APPLICATION NUMBER: 08/739,383
 ; PRIOR FILING DATE: 1996-10-29
 ; PRIOR APPLICATION NUMBER: 60/019,014
 ; PRIOR FILING DATE: 1995-12-22
 ; NUMBER OF SEQ ID NOS: 115
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 69
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-597-731-69

Query Match 0.2%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 1.6e+03;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3020 GTCACATCTGGCCCTG 3035
 DB 17 GTCACACCTGGCCCTG 2

RESULT 1257
 US-08-317-648-3/c
 ; Sequence 3, Application US/08317648
 ; Patent No. 5565358
 ; GENERAL INFORMATION:
 ; APPLICANT: MARGUERIE DE ROTROU, GERARD
 ; APPLICANT: UZAN, GEORGES
 ; APPLICANT: PRANDINI, MARIE-HELENE
 ; TITLE OF INVENTION: ENHANCER AND SILENCER SEQUENCES ISOLATED
 ; TITLE OF INVENTION: FROM THE GPIIb PROMOTER
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSES: P.C.
 ; STREET: 1755 S. Jefferson Davis Highway, Suite 400
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/317,648
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,600
FILING DATE: 22-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5565358man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 846-271-0X PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-317-648-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2701 GGCAGAGCAATGGGC 2716
|||||
Db 16 GGCAGAGCAATGGGC 1

RESULT 1258
US-08-502-185-12
Sequence 12, Application US/08502185
Patent No. 5639736
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
REFERENCE/DOCKET NUMBER: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,185
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES

US-08-502-185-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
|||||
Db 4 CAGCCTGGGATCACTT 19

RESULT 1259
US-08-398-945-12
Sequence 12, Application US/08398945
Patent No. 5639872
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
REFERENCE/DOCKET NUMBER: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/398,945
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-398-945-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
|||||
Db 4 CAGCCTGGGATCACTT 19

RESULT 1260
US-08-501-779-12
Sequence 12, Application US/08501779
Patent No. 5661135
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
REFERENCE/DOCKET NUMBER: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,779
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-779-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
Db 4 CAGCCTGGGACCACTT 19

RESULT 1261
US-08-376-362A-8/c
; Sequence 8, Application US/08376362A
; Patent No. 5693756
; GENERAL INFORMATION:
; APPLICANT: Li, Xiao-Jiang
; APPLICANT: Blackshaw, Seth
; APPLICANT: Snyder, Solomon H.
; TITLE OF INVENTION: AMILORIDE-SENSITIVE SODIUM CHANNEL AND
; TITLE OF INVENTION: METHOD OF IDENTIFYING SUBSTANCES WHICH STIMULATE OR BLOCK
; TITLE OF INVENTION: SALTY TASTE PERCEPTION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, LTD
; STREET: 1001 G Street, N.W., Eleventh Floor
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/376,362A
; FILING DATE: 23-JAN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan A., Sarah
; REGISTRATION NUMBER: 32,141

; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,713
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-713-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2831 AGCCCCAGGAGCTGTG 2846
Db 16 AGCCCCAGGAGCTGTG 1

RESULT 1262
US-08-501-713-12
; Sequence 12, Application US/08501713
; Patent No. 5710136
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,713
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-713-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
```

Db 4 CAGCCTGGGACCACTT 19
|||||

RESULT 1263
US-08-588-821-71/c
; Sequence 71, Application US/08588821
; Patent No. 5712097
; GENERAL INFORMATION:
; APPLICANT: Kern, Scott E.
; APPLICANT: Hahn, Stephan A.
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/588,821
; FILING DATE: 19-JAN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/079001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-588-821-71

Query Match 0.28; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5291 CTCTACTCCCGCAAC 5306
|||||
Db 20 CTCTATCCCGCAAC 5

RESULT 1264
US-08-378-860-12
; Sequence 12, Application US/08378860
; Patent No. 5731294
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kuemer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/378,860
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-378-860-12

Query Match 0.28; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGACCACTT 2317
|||||
Db 4 CAGCCTGGGACCACTT 19

RESULT 1265
US-08-217-082A-3/c
; Sequence 3, Application US/08217082A
; Patent No. 5734033
; GENERAL INFORMATION:
; APPLICANT: Reed, John
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR INHIBITING THE
; TITLE OF INVENTION: GROWTH OF CELLS EXPRESSING THE HUMAN BCL-2 GENE
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 224 Airport Parkway
; CITY: San Jose
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 95110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/217,082A
; FILING DATE: 24-MAR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/840,716
; FILING DATE: 21-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/288,692
; FILING DATE: 22-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Fortney, Andrew D.
; REGISTRATION NUMBER: 34,600
; REFERENCE/DOCKET NUMBER: 3335-067-55 FWC
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (408) 436-2070
TELEFAX: (408) 436-2075
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: Synthetic DNA
ANTI-SENSE: YES
US-08-217-082A-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGCGTGGGTGGTGC 6895
Db 19 GAGCGTGGGTAGGTGC 4

RESULT 1266
US-08-501-626-12
Sequence 12, Application US/08501626
Patent No. 5801156
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,626
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-626-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCGTGGGTACCTT 2317

Db 4 CAGCGTGGGACCACTT 19

RESULT 1267
US-08-915-214-71/c
Sequence 71, Application US/08915214
Patent No. 581457
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPCA
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,214
FILING DATE: 20-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-915-214-71

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5291 CTCCTACTCCAGCAAC 5306
Db 20 CTCCTATCCAGCAAC 5

RESULT 1268
US-08-501-356-12
Sequence 12, Application US/08501356
Patent No. 5814620
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston

STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,356
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-356-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
|||||
DB 4 CAGCCTGGGATCACTT 19

RESULT 1269
US-08-465-485A-3/c
Sequence 3, Application US/08465485A
Patent No. 5831066
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Hwy., Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,485A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/124,256
FILING DATE: 20-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/840,716
FILING DATE: 21-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/288,692
FILING DATE: 22-DEC-1988

ATTORNEY/AGENT INFORMATION:
NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 436-2070
TELEFAX: (408) 436-2075
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-465-485A-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGGCTGGGTGCTGC 6895
|||||
DB 19 GAGGCTGGGTGCTGC 4

RESULT 1270
US-08-229-528-32/c
Sequence 32, Application US/08229528
Patent No. 5837447
GENERAL INFORMATION:
APPLICANT: GORSKI, Jack
TITLE OF INVENTION: MONITORING AN IMMUNE RESPONSE BY AMPLIFIED IMMUNO
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: P. O. Box 1497
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53701-1497
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS 3.3
SOFTWARE: WordPerfect, Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/229,528
FILING DATE: 18-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/868,569
FILING DATE: 15-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Scanlon, William J.
REGISTRATION NUMBER: 30,136
REFERENCE/DOCKET NUMBER: 30383/133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 258-4284
TELEFAX: (608) 258-4258
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA oligonucleotide
US-08-229-528-32

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 742 CGCTCTCTCTCTCTCAC 757
Db 16 CGCTCTCTCTCTCTC 1

RESULT 1271

US-09-005-532-71/c
; Sequence 71, Application US/09005532
; Patent No. 5955292
; GENERAL INFORMATION:
; APPLICANT: Kern, Scott E.
; APPLICANT: Hahn, Stephan A.
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/588,821
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/079001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-005-532-71

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5291 CTCTACTCCCGAGCAAC 5306
Db 20 CTCTAATCCCGAGCAAC 5

RESULT 1272

US-09-080-285-3/c
; Sequence 3, Application US/09080285
; Patent No. 6040181
; GENERAL INFORMATION:
; APPLICANT: Reed, John
; TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. Jefferson Davis Hwy., Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.

ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,285
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/465,485
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/124,256
; FILING DATE: 20-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/840,716
; FILING DATE: 21-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/288,692
; FILING DATE: 22-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Fortney, Andrew D.
; REGISTRATION NUMBER: 34,600
; REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (408) 436-2070
; TELEFAX: (408) 436-2075
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-09-080-285-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGGCTGGGTGGTGC 6895
Db 19 GAGGCTGGGTAGGTGC 4

RESULT 1273

US-08-987-326-12
; Sequence 12, Application US/08987326
; Patent No. 6057105
; GENERAL INFORMATION:
; APPLICANT: NGI/Cancer Tech Company, LLC
; TITLE OF INVENTION: Detection of Melanoma or Breast Metastasis with a
; TITLE OF INVENTION: Multiple Marker Assay
; FILE REFERENCE: NGI 20823-701 CIP
; CURRENT APPLICATION NUMBER: US/08/987,326
; CURRENT FILING DATE: 1997-12-09
; EARLIER FILING DATE: 1995-03-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: sequence
US-08-987-326-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6610 TCTTCCCCCATCAGGGT 6625
DB 5 TCTTCCCCCATCAGTGT 20

RESULT 1274
US-09-166-186-221/c
; Sequence 221, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGGACTCGAGAAG 4526
DB 16 TGCAGGACTTGAGAAG 1

RESULT 1275
US-08-882-046-74/c
; Sequence 74, Application US/08882046
; Patent No. 6136952
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; APPLICANT: Hood, Leroy
; APPLICANT: Krantz, Ian D.
; APPLICANT: Spinner, Nancy B.
; TITLE OF INVENTION: Human Jagged Polypeptide, Encoding
; TITLE OF INVENTION: Nucleic Acids and Methods of Use
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,046
; FILING DATE: 25-JUN-1997
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-UW 2637
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1..10
; FEATURE:
; NAME/KEY: exon
; LOCATION: 11..20
US-08-882-046-74

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6541 AGGATATCTGTAAGGC 6556
DB 17 AGGAATCTGTAAGGC 2

RESULT 1276
US-09-286-904-76
; Sequence 76, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-76

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 443 TCCAGCATTTCAAGCC 458
DB 4 TCCAGCAGTTCAAGCC 19

RESULT 1277
US-09-429-323-78/c
; Sequence 78, Application US/09429323A
; Patent No. 6140126
; Patent No. 6140126
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0092
; CURRENT APPLICATION NUMBER: US/09/429,323A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-78

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3278 AAGAAGAAAATGAAA 3293
      |||||
Db 18 AAGAAGAAAATGAAA 3

RESULT 1278
US-08-765-340-26
; Sequence 26, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-26

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGGATCACTT 2317
      |||||
```

```
Db 2 CAGCCTGGGACCACTT 17

RESULT 1279
US-09-359-756-31/c
; Sequence 31, Application US/09359756
; Patent No. 6168950
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION
; FILE REFERENCE: RTS-0077
; CURRENT APPLICATION NUMBER: US/09/359,756
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-359-756-31

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2284 AAACCTGGAAAGCACT 2299
      |||||
Db 16 AAACCTGGAAAGCACT 1

RESULT 1280
US-09-435-296-26/c
; Sequence 26, Application US/09435296
; Patent No. 6171860
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
; FILE REFERENCE: RTS-0116
; CURRENT APPLICATION NUMBER: US/09/435,296
; CURRENT FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-26

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1437 GCGAGTGTGTCGCGCG 1452
      |||||
Db 16 GCGAGTGTGTCGCGCG 1

RESULT 1281
US-09-358-683-26/c
; Sequence 26, Application US/09358683
; Patent No. 6200807
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHP-2 EXPRESSION
; FILE REFERENCE: RTS-0082
; CURRENT APPLICATION NUMBER: US/09/358,683
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;; CURRENT FILING DATE: 1999-07-21
;; NUMBER OF SEQ ID NOS: 47
;; SEQ ID NO 26
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-683-26

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7005 GGAGATTTCCTCTT 7020
|||||
DB 17 GGAGATTTCCTCTT 2

RESULT 1282
US-09-313-932-221/c
; Sequence 221, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGGACTGGAGAAG 4526
|||||
DB 16 TGCAGGACTGGAGAAG 1

RESULT 1283
US-09-313-932-366/c
; Sequence 366, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 366
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-366

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGGACTGGAGAAG 4526
|||||
DB 18 TGCAGGACTGGAGAAG 3

RESULT 1284
US-09-021-701-727
; Sequence 727, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 727:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-727

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTTGGCTTCCTTTTC 5713
|||||
DB 5 TTTTGGCTTCCTTTTC 20

RESULT 1285
US-08-906-156A-87
; Sequence 87, Application US/08906156A
; Patent No. 6287854
; GENERAL INFORMATION:
; APPLICANT: SPURR, NIGEL K
; APPLICANT: GRAY, IAN C

APPLICANT: STEWART, LORNA M
TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER
TITLE OF INVENTION: AND TREATMENT THEREOF
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/906,156A
FILING DATE: 05-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/042,655
FILING DATE: 02-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/033,147
FILING DATE: 13-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/005,840
FILING DATE: 23-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/96GB/02588
FILING DATE: 22-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 1090-14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4000
TELEFAX: 703-816-4100
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC OLIGO"
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-906-156A-87

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5418 TAAAGACCAAGAGAT 5433
Db 4 TAAAGACCAAGAGAT 19

RESULT 1286
US-09-489-765A-25/c
Sequence 25, Application US/09489765A
Patent No. 6323029
GENERAL INFORMATION:
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRES
FILE REFERENCE: RTS-0124
CURRENT APPLICATION NUMBER: US/09/489,765A
CURRENT FILING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 85
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-765A-25

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCCTGA 2554
Db 18 GAGCTCCAGATCATGA 3

RESULT 1287
US-09-798-096-67/c
Sequence 67, Application US/09798096
Patent No. 6399378
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF REQL2 EXPRESSION
FILE REFERENCE: RTS-0207
CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-67

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7252 GATGGGGAATGCTC 7267
Db 18 GATGGGGAATATCTC 3

RESULT 1288
US-09-724-426-3/c
Sequence 3, Application US/09724426
Patent No. 6414134
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of BCL-2 Gene Expression
FILE REFERENCE: 10412-024
CURRENT APPLICATION NUMBER: US/09/724,426
CURRENT FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-724-426-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGGCTGGGTGGTGC 6895
Db 19 GAGGCTGGGTAGTGC 4

```
RESULT 1289
US-09-658-679A-50
; Sequence 50, Application US/09658679A
; Patent No. 644464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-50

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3381 GCTCCTCCCCCAGCTG 3396
Db 1 GCTCCTGCCCCAGCTG 16

RESULT 1290
US-09-658-679A-51
; Sequence 51, Application US/09658679A
; Patent No. 644464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-51

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3381 GCTCCTCCCCCAGCTG 3396
Db 3 GCTCCTGCCCCAGCTG 18

RESULT 1291
US-09-640-101-76
; Sequence 76, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/640,101
; CURRENT FILING DATE: 2000-08-15
```

```
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-640-101-76

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 443 TCCAGCATTTCAAGCC 458
Db 4 TCCAGCATTTCAAGCC 19

RESULT 1292
US-08-626-285-48/c
; Sequence 48, Application US/08626285
; Patent No. 6458530
; GENERAL INFORMATION:
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Shoemaker, Daniel D.
; APPLICANT: Davis, Ronald W.
; APPLICANT: Mittmann, Michael P.
; TITLE OF INVENTION: Methods and Compositions for Selecting
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/626,285
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Garrett-Wackowski, Eugenia
; REGISTRATION NUMBER: 37,330
; REFERENCE/DOCKET NUMBER: 16528X-017300US
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-626-285-48

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6144 CCTGGGTTTGAGTGTT 6159
Db 17 CCAGGGTTTGAGTGTT 2
```

```
RESULT 1293
US-09-668-313A-118/c
; Sequence 118, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-118

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2779 TTGCTTGAAGGCAGA 2794
    |||||
Db 16 TTGCTTTAAGGCAGA 1

RESULT 1294
US-09-422-978-5670
; Sequence 5670, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5670
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-6051 for SEQ 1736,
US-09-422-978-5670

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4944 CCTTACTTTTTCCT 4959
    |||||
Db 1 CCTTACTTTTACTT 16

RESULT 1295
US-09-422-978-9656
; Sequence 9656, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-6435 for SEQ 1791, in complement
US-09-422-978-9656

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6079 TCTTTTCTCTTTACC 6094
    |||||
Db 2 TCTTTTCTCTTTCC 17

RESULT 1296
US-09-973-959-2
; Sequence 2, Application US/09973959
; Patent No. 6544747
; GENERAL INFORMATION:
; APPLICANT: HAYNES, BARTON F.
; APPLICANT: SEMPOWSKI, GREGORY D.
; APPLICANT: LIAO, HUA-XIN
; TITLE OF INVENTION: ASSAY SYSTEM
; FILE REFERENCE: 1579-617
; CURRENT APPLICATION NUMBER: US/09/973,959
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 60/239,092
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-973-959-2

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1687 TATGCACAGGGGCAG 1702
    |||||
Db 2 TATGCACAGGGTGCAG 17

RESULT 1297
US-09-705-267A-152/c
; Sequence 152, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
```


APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705.267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 152
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-152

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5407 CATTCAAGAAATATAA 5422
|||||
Db 20 CATTCAAGAAATCAAA 5

RESULT 1298

US-09-198-452A-1513/c
Sequence 1513, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:

APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1513
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1513

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6725 AGCTGAATACCTTCC 6740
|||||
Db 16 AGCTGAATACCTTCC 1

RESULT 1299

US-09-198-452A-1915/c
Sequence 1915, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:

APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1915
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1915

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 7463 TGGCTTCTATTCTAA 7478
|||||
Db 18 TGGCTTCTATTCTTA 3

RESULT 1300

US-09-198-452A-3250/c
Sequence 3250, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:

APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3250
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3250

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6380 CTTCCCTTAAAGCTC 6395
|||||
Db 17 CCTCCCTTAAAGCTC 2

RESULT 1301

US-09-198-452A-3452/c
Sequence 3452, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:

APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3452
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3452

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2157 CATCCAATTTCTCAAG 2172
|||||
Db 19 CATCCAATTTCTCAAG 4

RESULT 1302

US-09-198-452A-3870/c
Sequence 3870, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:

APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3870
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3870

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 973 GTTCGCTTCACCAAGG 988
Db 16 GTTCGCTTCATCAAGG 1

RESULT 1303
US-09-808-358-18/c
; Sequence 18, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to tdh2 or
; OTHER INFORMATION: RNA derived therefrom
US-09-808-358-18

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6682 TTATTTTATTATAT 6697
Db 20 TCATTTTATTATAT 5

RESULT 1304
US-09-808-358-44/c
; Sequence 44, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-808-358-44

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6682 TTATTTTATTATAT 6697
Db 20 TCATTTTATTATAT 5

RESULT 1305
US-09-679-299A-52/c
; Sequence 52, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-52

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2414 TGGACACCAACATCAC 2429
Db 20 TGGACACCAACATAAC 5

RESULT 1306
US-08-988-024C-16
; Sequence 16, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shafer, Thomas A.
; TITLE OF INVENTION: Releaseable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-16

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618
Db 2 GTGCTCAAGAACTACA 17

RESULT 1307

US-08-988-024C-26
; Sequence 26, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-26

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618
Db 2 GTGCTCAAGAACTACA 17

RESULT 1308

US-08-988-024C-27
; Sequence 27, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-27

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: n is amino-thymidine with mass label attached;
; OTHER INFORMATION: chemically cleavable disulfide-containing group
; OTHER INFORMATION: between n and g
US-08-988-024C-27

Query Match 0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618
Db 2 GTGCTCAAGAACTACA 17

RESULT 1309

US-08-457-176-11
; Sequence 11, Application US/08457176
; Patent No. 5591826
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: de la Chappelle, Albert
; TITLE OF INVENTION: Mutator Gene and Hereditary
; TITLE OF INVENTION: No. 5591826-Polyposis Colorectal Cancer
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie, and Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,176
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/160295
; FILING DATE: 02-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.44900
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202.508.9100
; TELEFAX: 202.508.9299
; TELEX: 197430 BBMB UT
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-457-176-11

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5003 AAGACAGAAATGAGG 5018
Db 6 AAGACAGAAATGAGG 21

```
RESULT 1310
US-08-457-175-11
; Sequence 11, Application US/08457175
; Patent No. 5693470
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: de la Chappelle, Albert
; TITLE OF INVENTION: Mutator Gene and Hereditary
; TITLE OF INVENTION: No. 5693470-Polypoid Colorectal Cancer
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie, and Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,175
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/160295
; FILING DATE: 02-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.44900
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202.508.9100
; TELEFAX: 202.508.9299
; TELEX: 197430 BBMB UT
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-457-175-11
Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5003 AGAAGACAGATGAGG 5018
Db 6 AGAAGACAGATGAGG 21

RESULT 1311
US-08-336-618-27/c
; Sequence 27, Application US/08336618
; Patent No. 5763590
; GENERAL INFORMATION:
; APPLICANT: Peattie, Debra A.
; APPLICANT: Harding, Matthew W.
; APPLICANT: Livingston, David J.
; TITLE OF INVENTION: ISOLATION OF AN Mr 52,000 FK506 BINDING
; TITLE OF INVENTION: PROTEIN AND MOLECULAR CLONING OF A CORRESPONDING HUMAN
; TITLE OF INVENTION: CDNA
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith and Reynolds, P.C.
```

```
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,618
FILING DATE: 09-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/963,325
FILING DATE: 16-OCT-1992
APPLICATION NUMBER: US 07/777,752
FILING DATE: 11-OCT-1991
APPLICATION NUMBER: PCT/
FILING DATE: 09-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: VPI91-06A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-336-618-27
Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6030 TGTCCACTCCTTGAG 6045
Db 16 TGTCCACTCCTTGAG 1

RESULT 1312
US-08-753-147-86/c
; Sequence 86, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
```

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;
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-753-147-86

Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3922 TCTGGCTTCTTTCT 3937
Db      19 TCATGGCTTCTTTCT 4

RESULT 1313
US-07-662-764D-12
; Sequence 12, Application US/07662764D
; Patent No. 5866363
; GENERAL INFORMATION:
; APPLICANT: Piecznik, George
; TITLE OF INVENTION: METHOD AND MEANS FOR SORTING AND
; TITLE OF INVENTION: IDENTIFYING BIOLOGICAL INFORMATION
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LERNER, DAVID, LITTENBERG, KRUMHOLZ &
; STREET: 600 South, Avenue West
; CITY: Westfield
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07090
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/662,764D
; FILING DATE: 28-FEB-1991
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/201,358
; FILING DATE: 26-MAY-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 06/770,390
; FILING DATE: 28-AUG-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Foley, Shawn P.
; REGISTRATION NUMBER: 33,071
; REFERENCE/DOCKET NUMBER: ICTECH/0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-654-5000
; TELEFAX: 908-654-7866
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-07-662-764D-12
Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1136 AGTATTTCACAGCAGAA 1151
Db      6 AGTATATCAAGCAGAA 21

RESULT 1314
US-09-121-887-6/c
; Sequence 6, Application US/09121887
; Patent No. 5998175
; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/121,887
; CURRENT FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
; US-09-121-887-6

Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6038 CCTTGAGCTGGTTTC 6053
Db      16 CCTTGAAGCTGGTTTC 1

RESULT 1315
US-09-241-353-6/c
; Sequence 6, Application US/09241353
; Patent No. 6001614
; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/241,353
; CURRENT FILING DATE: 1999-02-02
; EARLIER APPLICATION NUMBER: 09/121,887
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
; US-09-241-353-6

Query Match      0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6038 CCTTGAGCTGGTTTC 6053
Db      16 CCTTGAAGCTGGTTTC 1

RESULT 1316
US-09-245-984-6/c
; Sequence 6, Application US/09245984
; Patent No. 6013456
```

```
; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/245,984
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 09/121,887
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
US-09-245-984-6

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6038 CCTTGCAGCTGGTTTC 6053
Db      16 CCTTGAAGCTGGTTTC 1

RESULT 1317
US-08-989-251-21
; Sequence 21, Application US/08989251
; Patent No. 601731
; GENERAL INFORMATION:
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; TITLE OF INVENTION: PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/989,251
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spuill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-989-251-21

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7364 RATTATCCGACGCT 7379
Db      6 AATTATCGACGACCT 21

RESULT 1318
US-09-241-979-6/c
; Sequence 6, Application US/09241979
; Patent No. 6020138
; GENERAL INFORMATION:
; APPLICANT: Akhavan-Tafti, Hashem
; TITLE OF INVENTION: METHODS OF SYNTHESIZING POLYNUCLEOTIDES BY LIGATION OF
; TITLE OF INVENTION: MULTIPLE OLIGOMERS
; FILE REFERENCE: LUM-4.1-53
; CURRENT APPLICATION NUMBER: US/09/241,979
; CURRENT FILING DATE: 1999-02-02
; EARLIER APPLICATION NUMBER: 09/121,887
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
US-09-241-979-6

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6038 CCTTGCAGCTGGTTTC 6053
Db      16 CCTTGAAGCTGGTTTC 1

RESULT 1319
US-09-340-250-21
; Sequence 21, Application US/09340250
; Patent No. 6083723
; GENERAL INFORMATION:
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; TITLE OF INVENTION: PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/340,250
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/989,251
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spuill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
```

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-340-250-21

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7364 AATTATCCGACGCT 7379
|||||
Db 6 AATTATCCGACGCT 21

RESULT 1320

US-08-974-549A-470/c
Sequence 470, Application US/08974549A
Patent No. 6166178

GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/974,549A

FILING DATE: 19-NOV-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/851,843

FILING DATE: 06-MAY-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/854,050

FILING DATE: 09-MAY-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/911,312

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/912,951

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/915,503

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/US97/17618

FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-0026100S
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 470:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: 1..21
LOCATION: 1..21
OTHER INFORMATION: /note= "K322 primer"
US-08-974-549A-470

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3537 TTCGCGCGCTGGTGG 3552

|||||

Db 20 TTCGCGCGCTGGTGG 5

RESULT 1321

US-09-045-054-13
Sequence 13, Application US/09045054
Patent No. 6200754

GENERAL INFORMATION:

APPLICANT: HOUSMAN, DAVID E.

APPLICANT: LEDLEY, FRED D.

APPLICANT: STANTON, VINCENT P., JR.

TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL

TITLE OF INVENTION: CHANGES

FILE REFERENCE: 233/055

CURRENT APPLICATION NUMBER: US/09/045,054

CURRENT FILING DATE: 1998-03-19

NUMBER OF SEQ ID NOS: 44

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 13

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: DNA excision repair protein ERCC5

FEATURE:

OTHER INFORMATION: The letter "r" stands for g or a.

US-09-045-054-13

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 5420 AAAAGCAAGATCAGC 5437

|||||

Db 3 AAAAGCAAGATCAGC 20

RESULT 1322

US-09-528-108-21
Sequence 21, Application US/09528108
Patent No. 6312923

GENERAL INFORMATION:

```

;
; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; TITLE OF INVENTION: PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Aleston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/528,108
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/989,251
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-09-528-108-21

```

```

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 7364 AATTATCCGACGACT 7379
Db 6 AATTATCCGACGACT 21

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RESULT 1323
US-08-649-950-77
; Sequence 77, Application US/08649950
; Patent No. 6403303
; GENERAL INFORMATION:
; APPLICANT: Shipman, Robert
; APPLICANT: Leushner, James
; APPLICANT: Dunn, James M.
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
; TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; OPERATING SYSTEM: IBM compatible
; SOFTWARE: Word Perfect

```

```

;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/649,950
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-028-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for BRCA1 gene
;
US-08-649-950-77

```

```

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 3131 GTAAGTCAACTCTGT 3146
Db 2 GTAAGTCAACTCTGT 17

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RESULT 1324
US-08-912-951-237/c
; Sequence 237, Application US/08912951
; Patent No. 6475789
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
; TITLE OF INVENTION: THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,951
; FILING DATE: 14-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050

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US-09-193-390A-12
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 237:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-912-951-237

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCGCGCGCTGGTGG 3552
||||| |||||
Db 20 TTCGCGCGCTGGTGG 5

RESULT 1325
US-09-659-845A-12/c
; Sequence 12, Application US/09659845A
; Patent No. 6492170
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-659-845A-12

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1846 GTGAGGTGAAGACG 1861
||||| |||||
Db 16 GTGAGGTGAAGACG 1

RESULT 1326

US-09-193-390A-12
; Sequence 12, Application US/09193390A
; Patent No. 6605448
; GENERAL INFORMATION:
; APPLICANT: Pieczenik, George
; TITLE OF INVENTION: METHOD AND MEANS FOR SORTING AND
; IDENTIFYING BIOLOGICAL INFORMATION
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LERNER, DAVID, LITTENBERG, KRUMHOLZ &
; MENTLIK
; STREET: 600 South, Avenue West
; CITY: Westfield
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07090
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/193,390A
; FILING DATE: 18-NOV-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/662,764
; FILING DATE: 28-Feb-1991
; APPLICATION NUMBER: US 07/201,358
; FILING DATE: 26-MAY-1988
; APPLICATION NUMBER: US 06/770,390
; FILING DATE: 28-AUG-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: Foley, Shawn P.
; REGISTRATION NUMBER: 33,071
; REFERENCE/DOCKET NUMBER: ICTECH/0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-654-5000
; TELEFAX: 908-654-7866
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-193-390A-12

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1136 AGTATTTCAAGCAGAA 1151
||||| |||||
Db 6 AGTATATCAAGCAGAA 21

RESULT 1327
US-09-402-181B-470/c
; Sequence 470, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/402,181B
FILING DATE: 29-Sep-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Aussenhus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 470:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..21
OTHER INFORMATION: /note= "K322 primer"
US-09-402-181B-470
SEQUENCE DESCRIPTION: SEQ ID NO: 470:

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCCGCGCGCTGGTGG 3552
||||| |||||||
Db 20 TTCCGCGCGCTGGTGG 5

RESULT 1328

US-09-721-456-470/c
Sequence 470, Application US/09721456
Patent No. 6617110
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.

Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/721,456
FILING DATE: 22-No. 6617110-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 470:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..21
OTHER INFORMATION: /note= "K322 primer"
US-09-721-456-470
SEQUENCE DESCRIPTION: SEQ ID NO: 470:

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCCGCGCGCTGGTGG 3552
||||| |||||||
Db 20 TTCCGCGCGCTGGTGG 5

RESULT 1329
US-09-526-193A-188
; Sequence 188, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-188

Query Match 0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2204 TCTACCGAGATGGGT 2219
Db 6 TCTACCGAGATGGAT 21

RESULT 1330
US-08-611-155B-1/c
; Sequence 1, Application US/08611155B
; Patent No. 5780231
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/611,155B
; FILING DATE: 05-MAR-96
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/560,313
; FILING DATE: 17-NOV-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: srplus
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-611-155B-1

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTCTTCTCTTC 5719
Db 17 CTTCTCTTCTCTTC 2

RESULT 1331
US-08-611-155B-2/c
; Sequence 2, Application US/08611155B
; Patent No. 5780231
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/611,155B
; FILING DATE: 05-MAR-96
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/560,313
; FILING DATE: 17-NOV-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: srplus
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302

; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-611-155B-2

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTCTTCTCTTC 5719
Db 16 CTTCTCTTCTCTTC 1

RESULT 1332
US-08-611-155B-6/c
; Sequence 6, Application US/08611155B
; Patent No. 5780231
; GENERAL INFORMATION:

```
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/611,155B
; FILING DATE: 05-MAR-96
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/560,313
; FILING DATE: 17-NOV-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: srplus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-611-155B-6

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCCCTTTTCCTCTTC 5719
Db 18 CTTCCCTCTTCCTCTTC 3

RESULT 1333
US-08-231-894A-3/c
; Sequence 3, Application US/08231894A
; Patent No. 5851990
; GENERAL INFORMATION:
; APPLICANT: FUJISHIMA, AKIRA
; APPLICANT: FUKUDA, TSUNEHIKO
; TITLE OF INVENTION: BFGF MUTEIN AND ITS PRODUCTION
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS
; ADDRESSEE: & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: US
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/231,894A
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
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; APPLICATION NUMBER: US 07/873907
; FILING DATE: 24-APR-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 097655-1991
; FILING DATE: 26-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 066381-1992
; FILING DATE: 24-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 41769-FWC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Synthetic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-231-894A-3

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 481 CCTGTGTATGATGGAA 496
Db 16 CCTGTGTATGAGGAA 1

RESULT 1334
US-08-916-120A-1/c
; Sequence 1, Application US/08916120A
; Patent No. 5962228
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,120A
; FILING DATE: 22-AUG-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/611,155
; FILING DATE: 05-MAR-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 811-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-120A-1

Query Match      0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTTTTCTCTTC 5719
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DB 17 CTTCTTCTCTCTTC 2

RESULT 1336
US-08-916-120A-2/c
; Sequence 2, Application US/08916120A
; Patent No. 5962228
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,120A
; FILING DATE: 22-AUG-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/611,155
; FILING DATE: 05-MAR-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 811-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9365
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-120A-2

Query Match      0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTTTTCTCTTC 5719
    ||||| |||||
DB 16 CTTCTTCTCTCTTC 1

RESULT 1336
US-08-916-120A-6/c
; Sequence 6, Application US/08916120A
; Patent No. 5962228
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: DNA Extension and Analysis with Rolling Primers
; NUMBER OF SEQUENCES: 19
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Microsoft Word, vers. 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,120A
; FILING DATE: 22-AUG-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/611,155
; FILING DATE: 05-MAR-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 811-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9365
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-120A-6

Query Match      0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5704 CTTCTTTTCTCTTC 5719
    ||||| |||||
DB 18 CTTCTTCTCTCTTC 3

RESULT 1337
US-08-545-196B-36
; Sequence 36, Application US/08545196B
; Patent No. 6080577
; GENERAL INFORMATION:
; APPLICANT: MELKI, JUDITH
; APPLICANT: MUNNICH, ARNOLD
; TITLE OF INVENTION: SURVIVAL MOTOR NEURON (SMN) GENE: A GENE
; TITLE OF INVENTION: FOR SPINAL MUSCULAR ATROPHY
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH, LLP
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,196B
; FILING DATE: 19-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: FARACI, C. J.
; REGISTRATION NUMBER: 32,350
; REFERENCE/DOCKET NUMBER: 2121-110P
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
US-08-545-196B-36

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3987 CTTATACAAAACCT 4002
|||||
Db 5 CTTATACAAAACCT 20

RESULT 1338
US-08-943-731-557/c
Sequence 557, Application US/08943731
Patent No. 6265157
GENERAL INFORMATION:
APPLICANT: PROCKOP, DARWIN J.
APPLICANT: SPOTILA, LORETTA D.
APPLICANT: DELTAS, CONSTANTINOS D.
APPLICANT: SEREDA, LARISA
APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KORKKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
STREET: FLR.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9598-27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2991
TELEX: 831-494
INFORMATION FOR SEQ ID NO: 557:
SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-943-731-557

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4958 CTGCTGGCTACAGCAT 4973
|||||
Db 20 CTGCTGGCTACAGCAT 5

RESULT 1339
US-09-564-805-198/c
Sequence 198, Application US/09564805
Patent No. 6333403
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/564,805
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 198
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-564-805-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 2e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5641 TGGGGGACCCCGCCTC 5658
|||||
Db 18 TGTGGGASCCCAAGCCTC 1

RESULT 1340
US-09-684-855-5/c
Sequence 5, Application US/09684855
Patent No. 6599735
GENERAL INFORMATION:
APPLICANT: F. Hoffmann-La Roche AG
TITLE OF INVENTION: CONTINUOUS FERMENTATION PROCESS
FILE REFERENCE: C38435/111692
CURRENT APPLICATION NUMBER: US/09/684,855
CURRENT FILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: EP 00121663.9
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: EP 99120289.6
PRIOR FILING DATE: 1999-10-11
NUMBER OF SEQ ID NOS: 169
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: